

Calendar
of
UNITED COLLEGES
1930-1931



Wesley College
and
Manitoba College
Winnipeg

(Affiliated with the University of
Manitoba)

Each is incorporated by Act of Provincial Legislature

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Almanac 1930-31

1930—AUGUST

- 1 Last day for receiving applications for the September Examinations in Arts.

SEPTEMBER

- 2 Applications for admission from new students in Arts and Science with their credentials should be filed with the Registrar by this date.
- 12 Registration in Matriculation and Grade XII.
- 16 Registration of First Year students in the Junior Division in Arts and Science.
- 17 Last day for payment, without penalty of \$2.00, of fees of First Year students in the Junior Division in Arts and Science.
Lectures begin for students of the First Year of the Junior Division in Arts and Science.
- 22 Enrolment and payment of fees by students of the Second Year of the Junior Division.
- 23 Lectures begin for the Second Year of the Junior Division in Arts and Science.
Registration of Students of the Senior Division in Arts and Science.
Imposition of fine for late registration or late enrolment in the Second Year of the Junior Division begins on this date.
- 24 Lectures begin for Students of the Senior Division in Arts and Science.
Imposition of fine for late registration or late enrolment in the Senior Division in Arts and Science.
Registration and Lectures in Theology begin.

OCTOBER

- 1 Registration in Arts closes at 5 p.m. Last day for payment of fees in Arts Faculty.

NOVEMBER

- 12 Payment of first moiety of scholarships (University).
- 22 Last day for receiving applications for December supplemental and special examinations in Arts.

DECEMBER

- 12 Lectures close for students in Arts writing on December examinations.
Lectures in Theology close.
- 13 Examinations in Arts begin.
- 15 Examinations in Theology begin.

1931—JANUARY

- 5 Opening day of Second Term. Lectures begin in all departments. Last date for payment of Second Term fees.

FEBRUARY

- 10 Payment of second moiety of scholarships (University).

MARCH

6—Recognition Day.

- 24 Last day for receiving applications for April supplemental and special examinations in Arts.
27 Lectures in Theology close.
29 Baccalaureate Sermon (United Colleges).

APRIL

- 9 Meeting of Convocation (United Colleges).
11 Lectures in Arts department close.
20 Regular examinations in Arts begin.

MAY

- 13-14 Meeting of University convocation and conferring of degrees.

JUNE

- Date to be set. Examinations in Grades 9, 10, 11, and 12.

FOREWORD TO CALENDAR OF UNITED COLLEGES

(United Agreement)

1. THAT the two colleges shall retain their separate charters for the time being.

2. THAT the colleges shall teach arts and theology, each college putting the full weight of its influence behind the teaching of arts and theology.

3. THAT there shall be a joint name such as "The United Colleges," with one calendar, and a staff in theology and in arts.

3a. THAT there shall be a common registration card bearing the title "The United Colleges."

3b. THAT all degrees, diplomas, and certificates shall be conferred, granted and issued jointly by the Colleges.

4. THAT in order that there may not be a fixed line of cleavage between arts and theology, both arts and theological subjects shall be taught in each college, but in such a way and with such regulations as shall not interfere with the jurisdiction and control by the heads of the respective colleges.

4a. THAT Dr. Mackay be head of the work in theology and principal of Manitoba College, and Dr. Riddell be head of the work in arts, including the preparatory department, and principal of Wesley College.

4b. THAT all students taking religious knowledge options for Arts credits shall be under the supervision of the Arts Faculty, and all professors teaching such subjects shall be recognized as members of the Arts Faculty.

THAT all students taking religious knowledge options for Theological credits shall be under the supervision of the Theological Faculty and all professors teaching such subjects shall be recognized as members of the Theological Faculty.

"In the stages leading to recommendations for appointments to the theological staff, or adjustments in the theological staff, which would involve the question of the teaching of religious knowledge options for Arts credit, the Head of the Arts Department shall be consulted in ample time by the Head of the Theological Department as to any proposed recommendations before such are presented to any committee or board, and in the event of an agreement not being reached by the respective Heads, the Head of the Arts Department has a right to present his recommendation to the Committee or Board concerned."

4c. THAT all probationers be required to appear before a joint faculty committee of five before finally determining their courses of study.

5. IT is suggested that each Board appoint an executive committee of eleven members, and the principal ex officio, and that these together shall constitute an Executive Board which

shall have the general management of both colleges, except in such matters as involve charter limitations, or pertain to the internal economy of the individual college, which matters shall be under the direction of the respective Boards.

5a. THAT the said Executive Board be given authority to prepare, and carry into effect, a plan for joint sessions, so far as possible, of the respective senates of the Colleges.

6. WITH a view to the better understanding by the Board of each College of the work of the other College, and in view of the fact that eight of Wesley College Board will be reappointed by the general council this year (1926), and also one-third of the Manitoba College Board, it is suggested that the general council in appointing these eight representatives on the Wesley College Board, shall appoint four former Methodists, three former Presbyterians, (also to be members of the Manitoba College Board), and one former Congregationalist, and that the general council in appointing representatives on the Manitoba College Board shall make a similar appointment of at least four former Presbyterians, three former Methodists, (also to be members of the Wesley College Board) and one former Congregationalist.

7. IT IS TO BE AGREED that the former Presbyterians and Congregationalists appointed on the Wesley College Board shall be members of its executive twelve appointed to the executive board, and vice-versa.

8. THERE shall be one budget to be prepared and apportioned by the Executive Board, with the suggestion that the General Council be asked to set aside a definite yearly sum for the colleges for the term of five years.

9. The aim of the above recommendations is to attain the closest union possible between the two colleges without affecting for the time being the separate entity of each college and leaving the door open for further negotiations as to future policy.

SCOPE OF WORK OF THE COLLEGES

In 1871 MANITOBA COLLEGE was incorporated by Act of the Legislature of Manitoba as an institution of higher learning. Since 1914 it has devoted itself mainly to the teaching of Theology.

WESLEY COLLEGE was established in the interests of higher education by the Methodist Church in the year 1887. At the present time it provides instruction in Arts, Theology, Grade Twelve and Matriculation courses.

Theological Department Courses

(a) Men—

- 1 For the regular work of the ministry.
- 2 For directors of Religious Education and Social Service.
- 3 For Sunday School Teachers and other Church Workers.

(b) Women—

- 1 For Deaconesses and Missionaries.
- 2 For Church Secretaries.
- 3 For Sunday School Teachers, Junior Congregation Leaders and other Church Workers.

The Arts Department

The courses of study offered are those prescribed by the University for students proceeding to the degree of Bachelor of Arts.

The teaching of Arts is entirely non-sectarian, and is open to students of any denomination or nationality.

The Collegiate Department covers work in Grades IX., X., and XI., (Matriculation and Combined Courses) and XII.

The College Buildings and Sites

MANITOBA COLLEGE has a residence which accommodates fifty men, together with six class rooms and offices. It is situated on a campus of five acres in the heart of the city, and only three blocks from the Provincial University.

WESLEY COLLEGE occupies a whole city block, one side of which lies fronting Portage Avenue. This five and one-quarter acres contains several tennis courts and a large athletic field, which is used early in the session for games, and later as a skating and hockey rink. The front portion contains the buildings. The main building has been occupied since 1895. It contains the class rooms, laboratory, offices and library. Sparling Hall, erected in 1912, is an up-to-date Women's Residence, thoroughly equipped with all modern appliances. The rooms are large and airy, and are thoroughly heated. Here also is located the dining-room, in which wholesome meals are served. In the Men's Residence accommodation is provided for 65 men and in Sparling Hall accommodation is provided for 60 women.

MANITOBA COLLEGE

Board of Management

The Board of Management of the College is appointed annually. It has the whole Management of the financial affairs of the College.

J. H. G. Russell, Esq.	Chairman
H. H. Saunderson, B.A., LL.B.	Secretary
Rev. Dr. Baird, D.D., LL.D.	Treasurer

TERM EXPIRES 1930

Rev. A. B. Baird, D.D., LL.D.	Alex. Matheson
Arnold M. Campbell	J. E. Matthews
Rev. David Christie, D.D.	Rev. D. McIvor, M.A., B.D.
Prof. F. W. Clark, B.A., Ph.D.	Judge A. N. McPherson
R. W. Craig	Rev. D. D. Millar, B.D.
Rev. David Flemming, B.A.	Jabez Miller
K. J. Johnston	Matthew Rodgers
Rev. F. W. Kerr, B.A., B.D.	J. H. G. Russell
C. W. Laidlaw	E. J. Thomas, LL.B.
Principal John MacKay, D.D.	A. H. Williams
Rev. W. A. Maclean, D.D.	

TERM EXPIRES 1932

Rev. John A. Cormie, B.A., B.D.	Rev. J. G. Miller, F.R.G.S., D.D.
Rev. Philip Duncan, B.A.	Rev. J. S. Miller, M.A., B.D.
Rev. C. W. Gordon, M.A., D.D., LL.D., F.R.S.C.	A. W. Moody, M.D., C.M., F.A.C.P.
John T. Haig, B.A., M.L.A.	Rev. S. C. Murray, D.D.
Rev. Hugh Hamilton, M.A. B.D.	Rev. H. J. Robertson, D.D.
F. S. Harstone	W. R. Ross
Geo. N. Jackson	H. H. Saunderson
Rev. H. J. Keith, D.D.	Rev. P. E. Scott, D.D.
Ald. E. T. Leech, K.C., B.A.	Prof. A. A. Stoughton
John McEachern	Rev. A. C. Strachan
D. McIntyre, LL.D.	

SENATE

Chairman	Rev. John Mackay, D.D.
Secretary	Rev. J. Dick Fleming, D.D.
Rev. A. B. Baird, D.D., LL.D.	Rev. J. W. Cruikshanks, B.D.
Rev. Geo. Bryce, D.D.	Rev. J. S. Miller, B.D.
Rev. David Christie, D.D.	Rev. E. G. Perry, Ph.D.
Prof. F. W. Clark, Ph.D.	Rev. A. Roddan
Prof. F. W. Kerr, B.A.	W. R. Ross
C. W. Laidlaw	H. H. Saunderson, LL.B.
Rev. D. D. Millar, B.D.	Rev. P. E. Scott, D.D.
Judge McPherson	Rev. G. A. Woodside, D.D.
Rev. R. B. Cochrane, D.D.	

REPRESENTATIVES ON UNIVERSITY COUNCIL

Rev. Prin. John Mackay, D.D.
 Rev. A. B. Baird, D.D., LL.D.

ADMINISTRATIVE STAFF

Rev. John Mackay, D.D., Principal of Manitoba College, and
 Head of the Theological Faculty.
 Rev. A. B. Baird, D.D., LL.D., Librarian.
 Rev. J. D. Fleming, D.D., Registrar, Secretary of Faculty and
 Senate.
 Mrs. Mary Whitaker, Assistant-Registrar, Secretary of College.

MANITOBA COLLEGE WOMEN'S AUXILIARY

Honorary President	Mrs. E. G. Perry
President	Mrs. A. G. McArthur
First Vice-President	Mrs. G. D. MacKay
Second Vice-President	Mrs. E. E. Erb
Recording Secretary	Mrs. G. A. Warren
Corresponding Secretary	Mrs. A. G. Duncan
Treasurer	Mrs. F. W. Kerr
Assistant Treasurer	Mrs. W. D. S. Mathieson

WESLEY COLLEGE

The Government

The college is governed by a Board of Directors of thirty-six members appointed as follows: Eight by the General Council of the United Church; the Moderator (ex-officio) and the General Secretary of Education (ex-officio); four by the Manitoba Conference; four by the Saskatchewan Conference; eight by the Alumni, five by the Arts and three by the Theological Alumni; President of the College (ex-officio); and nine others co-opted by the above. The charter of 1919 provides for the appointment of a Senate.

THE BOARD OF DIRECTORS

N.B.—In accordance with the provision of The Charter, the Board will be reconstructed in 1930

Members, Ex-Officio:—

Rev. Wm. T. Gunn, M.A., D.D., Moderator.
Rev. J. W. Graham, B.A., D.D., General Secretary.
Rev. John H. Riddell, B.A., B.D., D.D., LL.D., President

Members chosen by the General Council:—

H. W. Hutchinson
G. N. Jackson
J. K. Sparling, M.A., LL.B.
E. L. Taylor, K.C., LL.B.
Rev. J. A. Cormie, B.A., D.D.
John T. Haig, B.A., M.L.A.
Rev. Chas. W. Gordon, M.A., D.D., LL.D., F.R.S.C.
Jabez Miller

Members chosen by the Manitoba Conference:—

His Honor F. A. E. Hamilton, B.A.
A. S. Argue
Rev. R. E. McCullagh, B.A., D.D.
Rev. T. W. Price, B.A.

Members chosen by the Saskatchewan Conference:—

Rev. Geo. Dorey, B.A.
Rev. Warren Rothwell, B.A., B.D.
A. E. Vrooman, B.A.
His Honor Edmund R. Wylie, B.A.

Members chosen by the Alumni in Arts:—

His Honor S. E. Clement, K.C., B.A.
Edwin Loftus, K.C., M.A., LL.B., LL.D.
C. W. McCool, B.A.
B. C. Parker, B.A., LL.B.
Rev. A. O. Rose, B.A., M.D.

Members chosen by the Alumni in Theology:—

Rev. W. A. Cooke, B.A., D.D.
Rev. Charles Endicott, D.D.
Rev. J. E. Lane, B.A. (Chosen by the Board).

Members co-opted by above members:—

Fred D. Barager, B.A.
R. J. Gourley
A. S. Binns
Harry C. Ashdown
H. C. McWilliams
E. T. Leech, K.C., B.A.
A. W. Moody, M.D., C.M., F.A.C.P.
E. S. Popham, M.A., M.D., C.M. (Obit.)
Edward H. Walker, B.A. (Obit.)

Officers of the Board:—

E. S. Popham, M.A., M.D., C.M., Hon. Chairman. (Obit.)
E. L. Taylor, K.C., LL.B., Vice-Chairman.
H. W. Hutchinson, Treasurer.
E. Loftus, K.C., M.A., LL.B., LL.D., Secretary.

REPRESENTATIVES ON UNIVERSITY COUNCIL

E. S. Popham, M.A., M.D., C.M. (Obit.)
Rev. J. H. Riddell, B.A., B.D., D.D., LL.D.

THE SENATE

The Senate consists of:

- (1) The President, the members chosen by General Council, Manitoba Conference, Saskatchewan Conference, Alumni in Arts, Alumni in Theology, for the Board of Directors (which see).

- (2) Heads of Departments:—

Prof. O. T. Anderson, M.A., B.Sc.
Miss Eleanor D. Bowes, B.A.
A. Stewart Cummings, B.A., Secretary of Senate.
Rev. Jas. Elliott, B.A., D.D., Ph.D.
Carl N. Halstead, M.A.
Rev. C. W. Keirstead, M.A., B.D.
Rev. Geo. B. King, M.A., B.D., Ph.D.
Alfred D. Longman, B.A.
A. R. M. Lower, M.A., Ph.D.
Rev. Prof. L. W. Moffit, B.A., Ph.D.
Rev. Prof. Arthur L. Phelps, B.A.
R. L. Betts, B.Sc.

(3) Members co-opted by above:—

W. J. Parr, B.A.

A. H. J. Andrews, B.A.

J. C. Pincock, M.A.

Rev. G. L. Waite

Mrs. (Dr.) A. W. Moody

Benjamin J. Hales, B.A.

ADMINISTRATIVE STAFF

Rev. J. H. Riddell, B.A., B.D., D.D., LL.D.

President and Chairman of the Arts Faculty, and Chairman of Senate.

A. Stewart Cummings, B.A.

Registrar, Secretary of Faculty and Senate and Executive.

Miss Edna Cragg

Assistant Registrar.

Miss Eleanor D. Bowes, B.A.

Dean of Sparling Hall.

Alfred D. Longman, B.A.

Dean of Men's Residence.

LIBRARY

Miss Mildred M. Spink, Assistant Librarian.

THE WESLEY WOMEN'S ASSOCIATION

Honorary Presidents	{ Lady Aikins Mrs. A. Stewart Mrs. C. R. Flanders
President	Mrs. J. H. Riddell
1st Vice-President	Mrs. T. R. Deacon
2nd Vice-President	Mrs. R. H. Scott
3rd Vice-President	Mrs. F. H. Hughes
4th Vice-President	Mrs. H. F. Trumpour
Recording Secretary	Mrs. A. R. M. Lower
Corresponding Secretary	Mrs. G. B. King
Treasurer	Mrs. Geo. Graham

THE FACULTIES

THE FACULTY OF ARTS

Rev. J. H. Riddell, B.A., B.D., D.D., LL.D.

President of Wesley College and Chairman of the Faculty, and Professor of New Testament Exegesis and Sociology, Lecturer in Classics.

Rev. John Mackay, D.D.

Principal of Manitoba College and Professor of New Testament Scripture and Social Ethics.

O. T. Anderson, M.A., B.Sc.

Dean of the Faculty of Arts and Professor of Mathematics.

Rev. Jas. Elliott, B.A., D.D., Ph.D.

Professor of Mental and Moral Science.

Rev. J. Dick Fleming, M.A., B.D., D.D.

Professor of Mental and Moral Science.

- Rev. C. W. Keirstead, M.A., B.D.**
Professor of Religious Education.
- Rev. Geo. B. King, M.A., B.D., Ph.D.**
Professor of Hebrew and Biblical Greek.
- A. R. M. Lower, M.A., Ph.D.**
Professor of History.
- Rev. Louis W. Moffit, B.A., Ph.D.**
Professor of Economics.
- Rev. E. G. Perry, B.A., Ph.D.**
Professor of Old Testament Language and Literature.
- Rev. Arthur L. Phelps, B.A.**
Professor of English Language and Literature.
- Watson Kirkconnell, M.A., F.R.G.S., F.R. Hist. S., F.S.S., F.R.A.I.**
Associate Professor of English Language and Literature
- Miss Eleanor D. Bowes, B.A.**
Lecturer in French and Dean of Women's Residence.
- R. L. Betts, B.Sc.**
Lecturer in Physics and Chemistry.
- A. Russell Cragg, M.A., B.D.**
Lecturer in Religious Education.
- J. W. Pickersgill, M.A.**
Lecturer in History.

FACULTY—COLLEGIATE DEPARTMENT

- Carl N. Halstead, M.A.,** Head of Department.
- | | |
|-------------------------------------|--------------------------------|
| Eleanor D. Bowes, B.A., | Alfred D. Longman, B.A. |
| Appointment pending | |
| A. Stewart Cummings, B.A. | John D. Muray, B.A. |
| A. Russell Cragg, M.A., B.D. | Gladys Pettingell, B.A. |

THE FACULTY OF THEOLOGY

- Rev. John Mackay, D.D.**
Principal of Manitoba College and Chairman of the Faculty, and Professor of New Testament Language and Literature and Social Ethics.
- Rev. J. H. Riddell, B.A., B.D., D.D., LL.D.**
Professor of New Testament Exegesis and Sociology.
- Rev. A. B. Baird, M.A., D.D., LL.D.**
Professor of Church History.
- Rev. George Bryce, M.A., D.D., LL.D.**
Honorary Professor.
- Rev. James Elliott, B.A., D.D., Ph.D.**
Professor of Mental and Moral Science.
- Rev. J. Dick Fleming, M.A., B.D., D.D.**
Professor of Systematic Theology, Ethics and Comparative Religion.
- Rev. C. W. Keirstead, M.A., B.D.**
Professor of Religious Education.

Rev. F. W. Kerr, B.A., B.D.

Professor of Pastoral Theology and Homiletics.

Rev. E. G. Perry, B.A., Ph.D.

Professor of Old Testament Language and Literature.

Rev. Geo. B. King, M.A., B.D., Ph.D.

Professor of Hebrew and Biblical Greek.

Miss Edna Sutherland

Instructor in Public Speaking and Vocal Interpretation.

RULES AND REGULATIONS

1. WORSHIP.

As educational institutions under Christian auspices, the Colleges are primarily concerned with the moral and spiritual welfare of their students. With this end in view, students are expected to attend worship as a part of their regular daily program; and they are expected to attend Divine Service on the Lord's Day at such churches as their parents or guardians may direct.

2. ATTENDANCE AT LECTURES AND PROGRESS IN STUDIES.

(a) The attendance and progress of the student will be passed under regular review by the Faculty.

(b) To ensure success each student is required to devote to studies at least four evenings of each week.

(c) No student whose attendance or progress continues, after due notification, to be unsatisfactory, will be permitted to remain in the College.

(d) In particular the Faculties, while sympathizing cordially with the idea of students participating in the general activities of the life at the College, reserve the right to exercise supervision over the same and to require the student to withdraw from some or all of these should they prove to interfere with his regular class work.

(e) Students will not be permitted to pursue Arts and Theological courses concurrently, except where special application is made to the Faculties and permission granted.

(f) Students in Arts Department will read General Regulations Arts section of this calendar.

3. DEPARTMENT.

(a) All students connected with the Colleges are required to conduct themselves with propriety, and to observe all their regulations.

(b) Gambling, rough conduct, the use of bad language and the use of alcoholic liquors are strictly prohibited.

(c) The Colleges prohibit the use of tobacco in the halls, class rooms, corridors, ante-rooms, vestibules, lavatories and basement.

4. THE PERSON OF THE STUDENT.

All interference with the personal liberty of any student, by arrest, by any indignity, or by any personal violence, or by disturbance of room or property, is forbidden.

5. CAUTION MONEY.

Each student on registering is required to make a deposit of Five Dollars (\$5.00) with the Registrar, as Caution Money. The cost of repairs in the case of damage, reported and unreported, will be deducted from this fund. If the amount of the deduction exceeds the amount deposited, the student will be required to furnish a further deposit of Five Dollars (\$5.00).

6. DISCIPLINE.

(a) Subject to the provision of their charters, the Boards approve of the general principle of Student Self-Government in promoting the general welfare, the best interests of the Colleges, and the maintenance of discipline.

(b) In cases where the Students' Representative Council or the Residence Committee deem an offence worthy of suspension, expulsion, or the like, the decision shall take the form of a recommendation to the authorities of the College concerned.

(c) A student dissatisfied with the decision of the Council or the Residence Committee may appeal to the Faculty and the Board of the College concerned.

7. BOARDING DEPARTMENT.

(a) Resident Students are required to take their meals in the College dining hall and be regular and punctual at all meals.

(b) The rates for the session 1930-31 are as follows:

Board and Room (two occupying one room) \$35.00 per calendar month. Board and Room (one in a room) \$37.00 per calendar month. These rates are payable in advance on the first of each month.

(c) Any student wishing to entertain a friend must receive permission, and comply with the regulations regarding such entertainment.

(d) No allowance will be made on Board and Room for short absences.

(e) Full allowance for Board will be made for Christmas and Easter holidays. This allowance will cover only the time from the departure of the student up to the resumption of classes, or that portion of the above period during which the student is absent from the residence.

(f) The direction of the dining-room in Wesley College is under the authority of the Dean of Sparling Hall. Discipline in the dining-room is under the joint control of the two Deans. In Manitoba College the direction of the dining-room is under the control of the Students' Council.

8. RESIDENCE.

(a) For detailed rules and regulations covering Men's and Women's Residences, please see application form.

(b) Both Colleges reserve the right to ask any student to leave residence if it is deemed advisable to do so.

(c) In Wesley College, the Dean is, in the residence, the representative of the administration. It is, therefore, the function of the Dean to guard its interests and enforce adherence to its regulations. The Dean possesses plenary powers in the assignment of rooms, and in the supervision of the conduct of

those in residence. The Dean has the powers of reprimand and of adopting such other courses as in his or her wisdom may be deemed advisable in the interest of good order. The Dean further has the powers of summary suspension from residence, but such suspension must be reported forthwith to the President of the College or acting President.

(d) The control of the social activities incidental to the mingling of young men and women in the Colleges is vested in the officers of the College concerned.

(e) In each of the residences the students form an organization which is responsible for the discipline and direction of the residence concerned.

9. LOCKERS.

In Wesley College lockers are provided to protect property of young men and women who do not live in residence. Two persons will be given admittance to a locker. To each a key will be supplied for the sum of seventy-five cents. A refund of twenty-five cents will be made to the student when the key is returned.

STUDENT ORGANIZATIONS

Student Council Fees

	Arts & Theo.	Grade XII	Grade XI	Grades IX and X
Athletics	\$1.50	\$1.50	\$1.50	\$1.50
Social and Literary	2.50	2.50	2.50	1.00
U.M.S.U.	3.50			
Vox (College Paper) .....	.75	.75	.75	.75
Coeds. Association .....	.30	.30	.30	.30
Dramatics .....	.15	.15	.15	.15
Students' Council	1.30	1.30	.30	.30
	<u>\$10.00</u>	<u>\$6.50</u>	<u>\$5.50</u>	<u>\$4.00</u>

STUDENTS' REPRESENTATIVE COUNCIL

This is the executive of the Student Body and has general oversight and power to act in matters of general business concerning the students.

The Council under the Faculties is accountable for the general discipline of the Colleges, and for the observance of the regulations regarding initiation.

The Council consists of: The Senior Stick, who is president of the Council; the Lady Stick; the General Student Treasurer; a Faculty Representative; the Presidents of the different years in Arts; the President of the Theological Student Body; the presidents of the following societies: Athletics; Debating; Dramatics; Social and Literary; Theological; Student Christian Movement; the Editor-in-chief of "Vox"; the "Manitoban" Representative; the "Brown and Gold" Representative; five Lady Students, viz., the Vice-Lady Stick; one representing each of: the senior divi-

sion, the junior division, Matriculation, the Deaconesses; the President of Grade XII and of Grade XI and of Grades X and IX, respectively; the Senior and the Junior Representatives to the U.M.S.U. Council.

Senior Stick—Rj Staples.

Lady Stick—Luella J. Sprung.

The Student Magazine

"Vox" is published during the college year by the students and has a three-fold purpose:

(a) To afford a means of communication between the students and the alumni and friends of the Colleges.

(b) To record the activities of the various student organizations.

(c) To afford a means for the expression of the literary talent of the students.

Athletic Association

The object of the Athletic Association shall be to look after and foster all sports pertaining to the student body.

The executive will be elected on the opening of the session.

The following subordinate organizations have been vigorously maintained, and will be reorganized at the opening of the session:—

The Track Club, the Basketball Club, the Football Club, the Tennis Club, the Hockey Club, the Curling Club, the Bowling Club.

Debating Society

The object of this organization is to centralize and control the various debating activities of the Student Body. The Society will arrange a series of debates.

Dramatic Society

The aim of the Society is to help students who are desirous of studying dramatic art to give opportunity for development to those who possess dramatic gifts.

The Society presents at least one play during the academic year, and directs the reading and interpretation of plays, and the study of dramatic composition.

Social and Literary Society

The function of the Social and Literary Society is to organize and carry out the various social activities of the Student Body. In this capacity the various committees arrange College parties, Stunt and Literary Nights, and the Annual Dinner. The Society aims to get everyone acquainted, and to develop the students in those graces of elocution and entertainment which are essential to a well-balanced character.

Theological Society

This organization provides for the regular gathering of the students in Theology for inspiration and fellowship, and the discussion of theological problems.

Student Christian Movement

The Student Christian Movement is a Unit in the Student Christian Movement of Canada. It is "a fellowship of students based on the conviction that in Jesus Christ is found the supreme revelation of God and the means to the full realization of life."

The movement seeks through study, prayer, service and other means to understand and follow Jesus Christ and to unite in its fellowship all students who share the above conviction, together with all students who are willing to test the truth of the conviction, upon which the movement is founded.

Programme—1. Study: Groups arranged in September.

2. Service: Teaching of Sunday School Classes in Mission Churches.

Co-Ed Association

This is an organization of Co-eds, having as a membership all the girls registered. The aim of this organization is to foster a feeling of true fellowship amongst the various departments and to facilitate student activities by greater co-operation. A Girls' Executive, elected by the girls, acts as a governing body.

President—**Luella J. Sprung.**

Vice-President—**A. Olive Glinz.**

GRADUATES' ORGANIZATIONS

Wesley College Club

The Executive for 1930-31 is as follows:—

President	Herbert Andrews '10
Vice-President	Ewart Morgan '20
Secretary	J. E. Gibben '15
Treasurer	W. D. G. Runions '19

Wesley Alumnae Association

Honorary President	Miss E. D. Bowes, B.A.
President	Mrs. J. MacKay
Vice-President	Mrs. C. N. Halstead
Treasurer	Miss E. McQuarrie

MANITOBA—Alma Mater Society

As stated in the constitution, the Society shall have for its objects:

- (a) The maintenance of loyalty to our Alma Mater.
- (b) The maintenance of a friendly feeling among the graduates themselves and between the graduates and undergraduates.
- (c) The consideration and securing of such reforms in the College and University as may from time to time be deemed necessary.

The officers last elected are:—

President	Mr. E. J. Thomas, B.A.
First Vice-President	Mrs. Rowlands, B.A.
Second Vice-President	Mrs. G. L. Lennox, B.A.
Secretary-Treasurer	Mr. J. F. Campbell, B.A.
Executive—A. J. Fraser, B.A., M.D.,; Mrs. W. D. Lawrence, B.A.; Mr. C. W. Laidlaw, B.A.	

MEDALS

The Governor-General's Bronze Medal, the gift of His Excellency the Governor General of Canada, is offered annually for competition among students who have completed the First and Second Years in the Junior Division Arts and Science and the first term of the First Year of the Senior Division. To be eligible for this award, a student must be registered in the classes of Wesley College in subjects totalling at least eight units and must be taking all his work in courses which are normally taken in the First Year of the Senior Division, and, must have secured the highest average when the total marks of the First Year and of the Second Year of the Junior Division and of the first term of the First Year of the Senior Division are taken and divided by the number of papers written. The marks on each paper, if they are not already on that basis, must be placed on the basis of one hundred per cent as a maximum. The medal will not be awarded provided the average obtained is less than 75 per cent.

The Lieutenant-Governor's Gold Medal, the gift of Hon. J. D. McGregor, the Lieutenant-Governor of Manitoba, is offered annually for competition among students who have completed the examinations of the First and Second Years in the Junior Division Arts and Science and the first term of the First Year of the Senior Division, and have obtained an average of not less than 67 per cent. on these examinations. The student receiving the medal must have chosen English I, English II and English III and History I, History II and History III, and must have obtained the highest average when the total marks of the First Year and Second Year of the Junior Division and of the first term examinations of the First Year Senior Division in the courses named above are taken and divided by the number of papers written. The marks on each paper, if they are not already on that basis, must be placed on the basis of one hundred per cent as a maximum. The medal will not be awarded provided the average obtained on the subjects specified is less than 75 per cent.

SCHOLARSHIPS

SCHOLARSHIPS IN ARTS AND SCIENCE

Logie Butchart Memorial Scholarships:—

Mr. R. H. Butchart, of Minnedosa, has founded, by an Endowment, two scholarships of \$60.00 each, to be known as the "Logie Butchart Memorial Scholarships." Only Soldiers, the

children of soldiers, or the direct descendants of soldiers, may become the beneficiaries; and they must be prepared to take the First Year of the undergraduate course in Arts.

Sir John C. Eaton Scholarship—

Lady Eaton, of Toronto, has founded by an endowment a scholarship amounting to \$100.00 to be known as the Sir John C. Eaton Scholarship.

This award is offered for competition annually.

To be eligible for this award a student must:

(a) have completed in a single session the work of Grade XII or twenty units of the Junior Division and have obtained in either course on the whole year's work an average of not less than 67 per cent;

(b) and have completed an additional twenty units of the Junior Division in a single session as a student of Wesley College;

(c) and have completed the first term of a sixteen unit course in the First Year of the Senior Division and be registered in the classes of Wesley College in at least eight of the above units;

(d) and must have taken in each session courses normally studied in the division in which the student is registered;

(e) and have secured the highest average which will be arrived at in the following manner: The average will be taken of the average obtained in the Second Year of the Junior Division and the average obtained in the first term of the first year of the Senior Division. For the method of computing the averages see No. 1 Regulations governing College Scholarships given below.

(f) and have secured an average of at least 75%.

The H. T. Crossley Loan Fund—

This fund was established during the session 1928-29 by Reverend H. T. Crossley, D.D., and other friends of the College, to aid deserving students. The aid is given as a loan, which is repayable together with a low rate of interest. Students requiring such aid will apply to the President of the College, who administers the Fund.

SECOND YEAR JUNIOR DIVISION ARTS AND SCIENCE

Three scholarships of the value set opposite each will be offered in the work of the Second Year:

James H. Ashdown Scholarship	\$60.00
Hart A. Massey Scholarship	40.00
D. K. Elliott Scholarship	30.00

These scholarships will be awarded in the above order to the students who are pursuing any twenty unit course, sixteen units of which must be chosen from those courses normally studied in Second Year; and studying courses totalling twelve units in the classes in Wesley College; and have secured an average of not less than 75 per cent. in the regular December examinations; and have secured the highest averages in these examinations; and have completed all previous examinations.

FIRST YEAR JUNIOR DIVISION ARTS AND SCIENCE

Four Scholarships of the value set opposite each will be offered on the work of the First Year:

Principal J. W. Sparling Scholarship	\$60.00
Professor Andrew Stewart Scholarship	40.00
H. Wilbur Hutchinson Scholarship	30.00
Edwin Loftus Scholarship	30.00

These scholarships will be awarded in the above order to the students who have received an average of not less than 67 per cent. on the work of Grade XI Matriculation, and have secured an average of not less than 75 per cent. in the December examinations in a regular twenty unit course chosen from the following: English I, Mathematics I, History I, French I, Latin I, Chemistry I, Physics I, Biblical Greek I, Hebrew I, and have secured the highest averages on the December examinations, and have completed these and all previous examinations.

The Scholarships in Arts and Science awarded by the University of Manitoba, are open to students in the Arts Department of Wesley College. (See page 85 this Calendar.)

REGULATIONS GOVERNING COLLEGE SCHOLARSHIPS

1. Since these scholarships are awarded, not upon a fixed course but upon a course involving elective subjects, the marks of the highest Wesley College candidate in each subject will be raised to 100 per cent., and the others, likely to be in competition, in proportion, and the competitors compared upon the basis of these raised averages. This applies also to the scholarships in the Collegiate Department.

2. The Scholarships in the First Year and Second Year Junior Division Arts and Science and Collegiate Department will be paid in two equal instalments: the first on Recognition Day, immediately succeeding the December examinations; the second instalment after registration in the succeeding session.

3. A student may hold only one College Scholarship during any one session.

COLLEGIATE DEPARTMENT

Four scholarships of the value set opposite each will be offered as follows:

Grade XII

Sir James Aikins Scholarship	\$50.00
R. J. Whitla Scholarship	30.00

Grade XI

Rev. Geo. Young Scholarship	\$50.00
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Grade X

E. R. Wood Scholarship	\$50.00
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1. These Scholarships will be awarded to the students who are pursuing a regular course in Grades XII, XI and X, authorized by the Department of Education, which contains at least one language, and have secured an average of not less than 75 per cent. in the regular December examinations set by the Collegiate Department of Wesley College, and have secured the highest average or averages in these examinations and have completed all previous examinations. See regulations governing College scholarships.

Note.—Owing to the fact that the scholarships in this Department announced in the 1929-30 calendar will be awarded in the session 1930-31, the above awards will not be made until the December examinations, 1932, and Recognition Day immediately following.

2. Scholarships amounting to \$35.00 is awarded on the basis of an examination on the courses in Bible Study which are regularly taken by the students in the Department.

3. A recognition of merit will be given to the two students in Grade XII, to the two students in Grade XI, to the two students in Grade X, and to the two students in Grade IX who stand in first and in second place in their respective grades. The basis of the awards will be the highest and second highest average mark obtained by taking the total number of marks obtained on the Christmas and on the Easter examinations and by dividing this total by the number of papers written by each student. The marks on each paper, if not already on that basis, will be placed on the basis of one hundred per cent as a maximum. To be eligible for this award, the student must be taking a full course in the grade in which the award is made.

4. In addition to the above, all scholarships awarded by the University of Manitoba in matriculation courses are open to the students of the Department.

SCHOLARSHIPS AND PRIZES IN THEOLOGY

The following are open for competition in the Theological course:

First Year

1. The John Ralph King Scholarship, \$60, for general proficiency.
2. The James Watt Scholarship, \$50, for general proficiency.
3. The John Black Scholarship, \$40, for general proficiency.

Second Year

1. The Robert Carswell Scholarship, \$55, for Greek.
2. The Nisbet Memorial Scholarship, \$60, for general proficiency.
3. The Ruth Russell Winchester Scholarship, \$40, for general proficiency.
4. The W. A. Matheson Scholarship, \$50, for Religious Education.

Third Year

1. The Robert Carswell Scholarship, \$55, for Hebrew.
2. The Robert Anderson Scholarship, \$50, for general proficiency.
3. The Mary Perine Tait Scholarship, \$40, for general proficiency.
4. The Governor-General's Bronze Medal, awarded to the student standing first in First Class on the aggregate marks of the whole Theological course.

Prizes for Public Reading and Speaking

1. A prize of ten dollars (in books) for Public Reading. Open for competition to students of first year in Theology.
2. The Thos. Nixon Prize of ten dollars. Awarded in the Second Year on the basis of the results of a competition in Bible and Hymn reading.
3. The W. R. Ross Prize of fifty dollars (in books), open to students of the third year in Theology.

These prizes will be awarded on the basis of class work and the competitions held during the session.

The G. R. Crowe Memorial Prize

This prize, of the annual value of \$50, will be awarded this year for the best essay on "Mysticism and the Hope of Immortality." The length of the essay shall be about 4,000 words. Competition for this prize will be open to the students and to the Alumni of Manitoba and Wesley Colleges of not more than three years' standing who are engaged in the work of the ministry in Canada. Essays must be in the hands of the Registrar of Manitoba College not later than March 1st, 1931, and the result will be announced at the Annual Convocation.

The Robert Bruce Scholarships and Bursaries

Manitoba College offers:—

1. The sum of \$100.00 to be awarded without competition in one or more bursaries.

2. (a) An Annual Scholarship of \$75.00, open to those taking the Matriculation examinations of Manitoba University.

(b) One Scholarship of the value of \$75.00 a year for three years, to be awarded each year to a student in the Faculty of Arts and Science who has completed his first year in Arts and intends to proceed to his degree.

Applicants for (a) Scholarships must signify their intention of registering in Manitoba College, and applicants for (b) Scholarships must be registered there.

The terms of the will establishing the Fund provide that preference must be given to students of Scottish extraction for the first twenty-five years of its operation.

The awards will be made on the results of the Spring examination, and the full amount will be paid about October 15th of each year.

Applications for any of the above Bursaries or Scholarships must be in the hands of the Registrar of Manitoba College not later than September 1st of each year.

DEPARTMENT OF THEOLOGY

The Courses of Study for Theological students are as follows :—

(a) The normal B.A. Courses for graduates in Arts in a recognized University. This course, which involves the attainment of a B.A. Degree, including Greek, followed by three years in the study of Theology, is strongly recommended by the Church.

(b) The Special Course of three years in Arts, followed by three years in Theology. The following classes are recommended, but the Faculty may modify these to meet the needs of special cases, viz., English Literature and Composition (three years), Philosophy, including Psychology, Logic and Ethics (two years), Biblical Greek (two years), together with a selection from Hebrew, History, Physics, Economics, Mathematics.

(c) The Mixed Course in Arts and Theology, involving two years' preaching under the supervision of a Presbytery, with appropriate studies, followed by four years in College. While under supervision of Presbytery and engaged in preaching for two years, the student's study will be as follows: English Bible; New Testament in Greek; Elements of Theology and Life of Christ; History of Missions; English Literature; Practical Training, including preparation of sermons. The studies of the first year at College shall constitute a preparation for the study of Theology, and shall consist of such subjects in literary and scientific studies as may be prescribed by the Faculty. In the last three years of his course, he shall take the full course provided in Theology.

Students on entering their Theological Course must furnish a certificate of Church membership, and also a recommendation from the Presbytery. The Presbytery certificate is required annually. It is also the rule of the Church that every candidate before ordination must have spent twelve months in preaching and practical work.

OLD TESTAMENT LANGUAGE AND LITERATURE

Rev. E. G. Perry, B.A., Ph.D. Professor

Rev. Geo. B. King, M.A., B.D., Ph.D. Professor

Old Testament I—1 or 3 with 2 and 4 or 11 or 12.

Old Testament II—5 or 13 or 14 with 7 and 8.

Old Testament III—9 and 10 or 6.

1. Early History of Syria and Palestine (H.7). Prof. King. Two hours.

2. History of Israel and Judah. (H.8) Prof. Perry. Two hours.

3. Old Testament Literature I (B.L.1). Prof. King. Two hours.

4. Old Testament Literature II (B.L.2). Prof. Perry. Two hours.

5. Old Testament Literature III (B.L. 3). Prof. Perry. Two hours.
6. Old Testament Literature IV (B.L. 4). Prof. King. Two hours.
7. Old Testament Criticism and Introduction (H. 11). Prof. Perry. Two hours.
8. Old Testament Introduction (H. 12). Prof. Perry. Two hours.
9. Religion of Israel. (H. P. Smith, Chapters I-IX.) Prof. Perry. Two hours.
10. Religion of Israel. (H. P. Smith, Chapters X-XX.) Prof. Perry. Two hours.
11. Hebrew, Historical and Poetic (H. 5). Prof. Perry. Two hours.
12. Hebrew, Legal and Wisdom (H. 6). Prof. Perry. (Two hours.
13. Hebrew, Prophetic and Dramatic (H. 9). Prof. Perry. Two hours.
14. Hebrew, Prophetic and Apocalyptic (H. 10). Prof. Perry. Two hours.

Provision is made for students desiring to begin the study of Hebrew in the following classes:

1. Harper's Method and Manual. (Smith.) (H. 1.) Prof. Perry. Four hours.
2. Harper's Method and Manual. (Smith.) (H. 2.) Prof. King. Four hours.
3. Harper's Method and Manual. (Smith.) (H. 3.) Prof. King. Four hours.
4. Harper's Method and Manual. (Smith.) (H. 4.) Prof. Perry. Four hours.

N.B.—For details of the courses indicated by a number and capital letters as (H. 6) or (B.L. 1) see the corresponding number in the Hebrew and Biblical Literature sections of the Arts Department.

NEW TESTAMENT LANGUAGE AND LITERATURE

Rev. John Mackay, D.D. Professor
 Rev. J. H. Riddell, B.A., B.D., D.D., LL.D. Professor

New Testament I.—Courses 1, 2, 3, 4.

New Testament II.—Courses 5, 6, 7, 8, 9, 10.

New Testament III.—Courses 11, 12, 13, 14, 15, 16.

1, 2. Synoptic Gospels—Canon, Text and Introduction. One hour a week. Dr. Mackay.

3, 4. Synoptic Gospels—Interpretation and Exegesis. Two hours a week. Dr. Mackay.

5, 6. Acts and Pauline Epistles—Introduction. One hour a week. Dr. Riddell.

7, 8. Acts and Pauline Epistles—English Bible. One hour a week. Dr. Mackay.

9, 10. Acts and Pauline Epistles—Greek Exegesis. One hour. Dr. Mackay.

11, 12. Johannine Literature—Introduction. One hour. Dr. Riddell.

13, 14. Johannine Literature—English Bible. One hour. Dr. Mackay.

15, 16. Johannine Literature—Greek Exegesis. One hour. Dr. Mackay.

CHURCH HISTORY, MISSIONS AND CHURCH POLITY

Rev. A. B. Baird, M.A., D.D., LL.D. Professor

Law and Missions I.—Courses 1, 2.

Church History II.—Courses 3, 4.

Church History III.—Courses 5, 6.

1, 2. Church Law, and History of Christian Missions. One hour a week.

3, 4. History of Early Christianity: W. Walker's History of the Christian Church, I.—IV. Two hours a week.

5, 6. History of Modern Christianity: W. Walker's History. V.—VII. Three hours a week.

SCIENCE OF RELIGION

Rev. J. Elliott, B.A., D.D., Ph.D. Professor

Rev. J. D. Fleming, M.A., B.D., D.D. Professor

I. Courses 1, 2.

II. Courses 3, 4.

III. Courses 5, 6.

1, 2. Survey of the World's Religions (including a short course on modern sectarian movements). Two hours a week. Dr. Fleming.

3, 4. Psychology of Religion: A study of the psychological processes involved in the rise and development of the Religious Consciousness: Conversion and Revival Movements: the relative place of Thought, Emotion and Activity in Religion. One hour. Dr. Fleming.

5, 6. Philosophy of Religion: Scientific spirit and method: the Criterion of Knowledge; the meaning of Religion and Philosophy: examination of Materialism and Agnosticism: the Immanence of God: the Hope of Immortality related to Evolution. One hour. Dr. Elliott.

SYSTEMATIC THEOLOGY AND ETHICS

Rev. J. D. Fleming, M.A., B.D., D.D. Professor
Rev. Jas. Elliott, B.A., D.D., Ph.D. Professor

Systematic I.—Courses 1, 2.

Systematic II.—Courses 3, 4.

Systematic III.—Courses 5, 6.

Philosophy—Courses 7, 8.

1, 2. Ethical foundations—a survey of moral ideals under the various early religions, and comparison of these with the moral ideal of Christianity. One hour a week.

3, 4. Systematic Theology; Prolegomena, God, His Personality, the Trinity, Creation, God's Relation to the World. Two hours a week.

5, 6. Systematic Theology: Human Nature, Sin, the Person and Work of Christ, the making of a Christian, the Church and Sacraments, Eschatology. Three hours a week.

7, 8. History of Modern Philosophy; required as an additional study by those whose course in Philosophy is deficient.

RELIGIOUS EDUCATION

Rev. C. W. Keirstead, M.A., B.D. Professor

Religious Education I.—1, 2.

Religious Education II.—3, 4.

Religious Education—5, 6.

1. **Principles and Theory:**

The fundamental presuppositions and principles of religious education; the nature of religion; the nature of education; the place of education in religion and of religion in education. Functions of the family, church and state in religious education.

2. **Week-Day Religious Education and Vacation Church Schools:**

A history of these movements; a survey of existing organizations; a consideration of the organization of the curriculum of week-day schools of religion.

3. **History of Religious Education:**

A survey of religious educational development beginning with primitive society and extending down to the present time. A deliberate attempt is made throughout to connect social, economic and political changes with religious and educational changes. Particular emphasis is placed upon the development of the Church School and upon modern movements in religious education.

4. **The Curriculum of Religious Education:**

Directed research in the curriculum of moral and religious education; principles determining the selection of materials; methods of grading and organizing materials; principles involved in the teaching process.

5. **The Psychology of Religious Education:**
A study of the nature and development of the religious consciousness with particular reference to childhood and adolescence.
6. **The Project Principle in Religious Education:**
A study of project methods in moral and religious education.

PASTORAL THEOLOGY AND HOMILETICS

Rev. F. W. Kerr, B.A. Professor

Pastoral Theology I.—1, 2.

Pastoral Theology II.—3, 4.

Pastoral Theology III.—5, 6.

1. **Sermon Construction:**
The place of preaching in the Church, Sources of Homiletic material. Characteristics and development of a sermon. Various types of sermons.
2. **The Work of a Pastor:**
A minister's personal life, parish duties, care of the poor, the sick, the perplexed, the erring, etc. Ministerial ethics.
3. **Church Efficiency:**
Problems of Organization, Administration and Finance. Relations to Boards and Committees. Church Advertising.
4. **Practical Homiletics:**
Factors in effective delivery. Each student will be required to deliver an address or sermon during the year.
5. **"The Problem of the City" and "The Problem of the Rural Community":**
Studies of social settlements, institutional churches, and the enlarging scope of the country church.
6. **The Conduct of Worship:** Of the Sacraments, Marriages and Funerals, and of the Church Membership Training Class.

SOCIOLOGY

Rev. J. H. Riddell, B.A., B.D., D.D., LL.D. Professor

Rev. John Mackay, D.D. Professor

Sociology I.—Courses 1, 2.

Sociology II.—Courses 3, 4.

Sociology III.—Courses 5, 6.

1, 2. Theoretical Sociology. One hour a week.

3, 4. Theoretical Sociology. One hour a week.

5, 6. Applied Sociology. One hour a week.

PUBLIC READING AND VOCAL INTERPRETATION

Miss Edna Sutherland Instructor

I.—Courses 1, 2.

II.—Courses 3, 4.

III.—Courses 5, 6.

1, 2. Fundamental principles, Textbooks: S. S. Curry, Lessons in Vocal Expression, and S. S. Curry, Vocal Interpretation of the Bible. One hour a week.

3, 4. Discussion and preparation of Lecture-Recitals and Study of Masterpieces of Modern Literature. One hour.

5, 6. Interpretative Reading of the Bible, with presentation of addresses and orations. One hour a week.

REQUIREMENTS FOR THE DEGREE OF B.D.

1. The Candidate for this degree must be a graduate in Arts of Manitoba University, or of some other whose degrees are recognized by that University.

2. He must have taken the full course in Theology (including Greek exegesis), and must have taken Ib standing over the entire course.

3. He must engage in special study in three departments of Theology, taking the equivalent of eight hours in the one and of four hours in each of the others. The departments from which he may select are the following: Old Testament, New Testament, Church History, Systematic Theology (including Science of Religion), Religious Education, Sociology.

4. The subjects of study may be taken during an additional year of attendance in College, or extra-murally. Tuition, involving practical guidance based on text-books, with essays and regular testwork, will be given as required.

5. The examinations will be based essentially upon the subjects. The textbooks named are to be used as aids to the mastery of the subjects. The general literary character of the papers will be taken into account. In the examination tests a standing will be required of not less than 50% in each subject, and not less than 65% on the entire course.

6. The candidate must also present a typewritten thesis on some approved subject connected with his course of study, to be chosen six months before presentation. This Thesis will be regarded as the most important and critical part of the final examination. It should deal with a distinct problem and give evidence of independent investigation and constructive power. March 1st is the last day on which a thesis can be received. The form of the thesis should conform to the regulations supplied to the candidate by the Registrar.

7. Candidates for the degree should first apply to the Registrar in order to receive standing as candidates.

8. The fee for this degree (\$10) shall be paid previous to the examination.

STANDARD DIPLOMA

A Standard Diploma in Theology will be granted to those alumni of the Colleges who have done advanced work in Theology under the guidance of the United Faculty and who do not hold a B.A. Degree. The Senate has further authorized the granting of a Junior Diploma to those who have completed a year's work preparatory to the Standard Diploma. These advanced courses will be arranged by the Faculty after consultation with those who desire to take them.

The Fees for each Diploma will be five dollars, to be paid before examination.

WOMEN'S DEPARTMENT

The Women's course is intended for the training of home and foreign missionaries, social service workers, deaconesses and church secretaries.

1. A candidate for training should not be less than twenty years of age nor more than thirty-five. (Applicants above the maximum age are considered, under exceptional circumstances).

2. A candidate shall have, as a minimum, University Matriculation or its equivalent, such as a Teacher's Certificate, Nurse's Diploma, or Business Certificate, with a record of three years' High School standing, followed by successful experience. Lacking such equivalent certificate, the candidate may present records of educational standing which will satisfy the Faculty; or supplementary work may be required. A University training is the best preparation for this work.

3. A candidate must present a certificate that she is a member of the Church in full communion, and references as to Christian character, experience and suitability for the work.

4. A candidate must also undergo a satisfactory medical examination and forward the medical certificate, enclosed with the application form, duly filled out. (These forms may be obtained on application to Manitoba College.)

There is a fee of one dollar for registration, but no charge is made for tuition. An additional \$4.00 is collected for the associated organizations of the University.

SUBJECTS OF INSTRUCTION

Junior Deaconess Course

Old Testament:

1. Early History of Syria and Palestine or Biblical Literature, Old Testament I. Prof. King.

2. History of Judah and Israel or Biblical Literature, Old Testament II. Prof. Perry.

3. New Testament: The Environment of Early Christianity, Introduction to the Historical Books, and Interpretation of the Gospels. Two hours a week. Principal Mackay.

4. Christian Ethics: A survey of primitive and National Morality: an exposition of the New Christian Ideal, as com-

pared with Medieval Asceticism and Modern Ethics. Also a brief survey of some strange modern Religious Sects. One hour a week. Professor Fleming.

5. Religious Education: Child Psychology: Teacher Training: The Church School—Organization, Management and Programmes. Two hours a week. Professor Keirstead.

6. Church History: History of Modern Christianity. W. Walker's History of the Christian Church, V-VII. Three hours a week. Professor Baird.

7. Social Service: The Social Environment: principles operative for human betterment; with practical work under direction of the staff. One hour. Principal Mackay.

8. Vocal Interpretation of the Bible: Fundamental Principles underlying the correct use of the voice, and the principles governing interpretative reading and effective speaking: the art of story-telling. C. W. Emerson, Evolution of Expression; S. C. Bryant, How to tell stories to Children. One hour a week. Miss Edna Sutherland.

Senior Deaconess Course

Old Testament: Religion and Ethics.

1. Marti, Old Testament Religion, or Barton, Religion of Israel, or Biblical Literature, Old Testament III. Prof. Perry.

2. Kent, Social Teaching of the Prophets and Jesus, or Biblical Literature, Old Testament IV. Prof. King or Prof. Perry.

3. New Testament: Introduction to the Epistles: Interpretation of selected Epistles: New Testament Theology: the use of the New Testament for the cultivation of personal character, and for religious teaching. Two hours a week. Principal Mackay.

4. Christian Doctrine: the sources of doctrine (questions of Revelation and Scripture): God and the Moral Order: Sin and Salvation: Conversion: the Future Life of the World and the Individual. One hour a week. Professor Fleming.

5. Religious Education: Continuation of Junior Course. Two hours a week. Professor Keirstead.

6. Social Service: Continuation of Junior Course. One hour a week. Principal Mackay.

7. Vocal Interpretation of the Bible: Bible Reading: the preparation of Recitals and delivery of addresses. One hour a week. Miss Sutherland.

Together with these courses arrangements have also been made for:

1. Physical Culture (one hour a week).

2. Stenography and Typewriting. (Optional: reduced rates arranged).

3. First Aid and Home Nursing Courses, with the co-operation of the Public Health Department and the Red Cross Society.

4. Missions. Special Lectures each month.

5. Personal Work. Miss Hollinrake.

CURRICULA IN ARTS

I—BACHELOR OF ARTS

Matriculation

The requirements for Matriculation for Arts are set forth in detail in the Matriculation Calendar. No applicant may be received as a regular student of the Junior Division in Arts and Science who carries any condition from Matriculation (the work of Grades IX, X and XI in the High Schools as prescribed for University entrance). Students who have fully completed courses recognized by the Department of Education for purposes other than University entrance, such as the Normal School Entrance course or the Practical Arts course, and whose deficiencies on the Matriculation course do not exceed two conditions may be accepted as students of the Junior Division subject to such limitation of their first session's program in the Junior Division as may be ordered by the Committee on Students' Courses and with the requirement of approved concurrent instruction in the Matriculation work as yet uncompleted.

Undergraduate Course

A student who has fulfilled the requirements for Arts Matriculation may proceed to the Pass or General Bachelor of Arts degree by completing satisfactorily, subject to the rules and regulations set forth hereafter, forty units* of credit in the Junior Division in Arts and Science and thirty-two units of credit in the Senior Pass Division in Arts and Science. He may proceed to the Honors Bachelor of Arts degree by completing satisfactorily, subject to the rules and regulations set forth hereafter, forty units of credit in the Junior Division in Arts and Science and forty-eight units of credit in the Senior Honors Division in Arts. The work for the Pass or General degree is normally done in four annual sessions and that for the Honors degree in five, two being given to the Junior Division, and two or three, as the case may be, to the Senior Division.

Junior Division in Arts and Science

The work of the Junior Division in Arts and Science comprises the following courses from which work must be completed by the student proceeding to the Bachelor of Arts degree, representing, in the aggregate, forty units of credit. This work must be chosen subject to the restrictions set out below and the requirements with regard to prerequisite courses found at the opening of the respective departmental announcements. The Roman numeral after the name of a subject indicates the year of a student's course in which it is normally taken and the Arabic

*A unit is a body of work to which is assigned for instructional purposes one hour of lecture or other class room exercise per week or one continuous laboratory period of two or three hours per week, throughout an entire session, or the equivalent.

numeral in parentheses thereafter the value of the subject in units of credit towards a degree.

Required subjects (totalling twenty units)—

1. English I (4), English II (4).
2. Mathematics I (4).
3. French I (4), French II (4); or
German I (4), German II (4); or
Latin I (4), Latin II (4); or
Classical Greek I (4), Classical Greek II (4); or
Biblical Greek I (4), Biblical Greek II (4).
(The language elected under 3 must be a language already taken for Matriculation credit. In the case of Biblical Greek, Classical Greek must have been taken for Matriculation.)

Elective Subjects (from which work of the value of twenty units must be completed)—

(The language taken in 3 above is, of course, excluded from election here. Not more than 8 units of work may be chosen from the group: Physics II, Chemistry II, Botany II, Zoology II and Geology II;

Biblical Greek IA (4), Biblical Greek IIA (4);
French I (4), French II (4);
German I (4), German IA (4), German II (4), German IIA (4);*
Classical Greek I (4), Classical Greek II (4);
Hebrew I (4), Hebrew II (4);
Icelandic I (4), Icelandic II (4).
Latin I (4), Latin II (4);
History I (4).
History II (4).
Astronomy II (2).
Botany II (2), Botany IIM (2);
Chemistry I (4), Chemistry II (4), Chemistry IIM (4);*
Mechanical Drawing I (2), Architectural Drawing I (2);†
Geology II (2);
Mathematics IA or IIA (2), Mathematics II (4);
Physics I (4), Physics IIM (2); Physics II (4);*
Zoology II (2), Zoology IIM (4);
Economics II (2);
Ethics II (2); **
Logic II (2). **
Psychology II (2);

The program of work of each student must be approved by the Board of Studies of the University through its Committee on Students' Courses. The normal program for each session is work representing twenty units of credit.

The student should also bear in mind that he will not be accorded the units of credit towards a degree represented by any particular subject until all the requirements with respect to class work, laboratory work and examinations pertaining to that subject have been fully completed. He is referred to the regulations governing failures, supplemental examinations and summer school work for information as to the way in which deficiencies can be removed.

*Only eight units may be taken in German or Chemistry or Physics.

†A student who elects Mechanical Drawing I or Architectural Drawing I must also take Mathematics IA. Only one of these two courses in Drawing may be taken.

**A student may elect one of Ethics II and Logic II but not both.

The following considerations should be kept in view by students in considering their choices of subjects in the Junior Division:

1. Strict regard must be had for the prescription of prerequisites for the various subjects at the opening of the respective departmental announcements.

2. The Committee on Students' Courses will expect that unless in exceptional cases a subject will not be elected in any year other than the one in which, according to its designation, it is "normally taken."

3. A departure from this rule is found in the practice of recognizing a student's right in one year only of the Senior Pass Division or in the first year of the Senior Honors Division to elect as one of his four subjects a four-unit subject of the Junior Division, provided of course that he secures the approval of the Committee on Students' Courses.

4. (a) A student desiring to qualify for entrance upon the course for the degree in Civil Engineering or in Electrical Engineering, may if fully matriculated, do so upon completing twenty units in the Junior Division in Arts and Science upon the following course: English I, Mathematics I, Mathematics IA, Mechanical Drawing I, Chemistry I, and one of French I, German I, Latin I, Greek I. The language elected must have been taken for Matriculation.

(b) A student desiring to qualify for entrance upon the course for the degree in Architecture may, if fully matriculated, do so upon completing twenty units in the Junior Division in Arts and Science upon the following course: English I, Mathematics I, Mathematics IA, Architectural Drawing I, Physics I and French I.

5. A student desiring to qualify for entrance upon the course for the degree in Medicine, may, if fully matriculated (with a course involving Latin and Physics) do so upon completing forty units in the Junior Division in Arts and Science upon the following course*: English I, English II; Mathematics I; German IA, German IIA; Botany IIM; Chemistry I, Chemistry IIM; Physics I and Physics IIM; Zoology IIM.

6. A student desiring to qualify for entrance upon the course for the degree in Law may, if fully matriculated (with a course involving Latin) do so upon completing forty units in the Junior Division, his course to include Latin I and to comply in all respects with the standard requirements for admission to the Senior Division of the curriculum leading to the B.A. or B.Sc. degree.

7. A student who has not taken both Physics and Chemistry for Matriculation must in the Junior Division complete a Science subject or Science subjects of the weight of four units. An ex-

*In general any standard course, beyond matriculation, given in a recognized University and accepted by it for two years' credit toward a B.A. or a B.Sc. degree, is considered adequate for purposes of admission to the course in Medicine, provided the minimum requirements laid down above in Physics, Chemistry, Botany and Zoology are fully met. Students taking Grade XII with the study of Medicine in view, should elect the language, preferably a modern one, offered in their school.

†By arrangement with the University of Toronto the completion of this course will also be accepted for admission to the Second Year of its five-year course in Dentistry, leading to the degree of Doctor of Dental Surgery. For further details consult the announcement of the Faculty of Dentistry of the University of Toronto.

ception will be made in the case of a student who completes twenty-four units of language work in the Junior Division, in which case the requirement of four units of Science work may be met in the Senior Division.

Senior Pass Division in Arts and Science

A student may be admitted conditionally to the Senior Pass Division in Arts and Science who has completed at least thirty-six units of credit in the Junior Division upon an approved curriculum. In case he is permitted to enter without having completed in full the forty required units of the Junior Division this fact will be taken into account in approving his course for the first academic year of his work in the Senior Division.

The work of the Senior Pass Division in Arts and Science comprises the following courses from which work must be completed representing in the aggregate thirty-two units of credit. This work must be chosen subject to the restrictions set out below and the requirements with regard to prerequisite courses found at the opening of the respective departmental announcements. The Roman numeral after the name of a subject indicates the year of a student's course in which it is normally taken and the Arabic numeral in parentheses thereafter the value of the subject in units of credit towards a degree.

Group I (from which work of the value of sixteen units must be completed).

Biblical Greek III (4), Biblical Greek IIIA (4), Botany III (4), Chemistry III (4), Economics III (4), English III (4), French III (4), Geology III (4), German III (4), Classical Greek III (4), Hebrew III (4), History III (4), Latin III (4), Mathematics III (4), Mathematics IIIA, Philosophy III (4), Physics III (4), Religious Education III (4)*, Scripture III (4)*, Sociology III (4), Zoology III (4).

Group II (from which work of the weight of sixteen units must be completed)—

Biblical Greek IV (4), Biblical Greek IVA (4), Botany IV (4), Chemistry IV (4), Economics IV (4), English IV (4), French IV (4), Geology IV (4), German IV (4), Classical Greek IV (4), Hebrew IV (4), History IV (4), Latin IV (4), Mathematics IV (4), Applied Mathematics IV (4), Philosophy IV (4), Physics IV (4), Religious Education IV (4)*, Scripture IV (4)*, Sociology IV (4), Zoology IV (4).

The following considerations should be kept in view by students in considering their choices of subjects in the Senior Pass Division in Arts and Science:

1. Strict regard must be had for the prescription of prerequisites for the various subjects at the opening of the respective departmental announcements.

2. The Committee on Students' Courses will expect that in the main the subject elected in Group I above will be carried forward in Group II, or, in other words, that a reasonable degree of sequence will be observed.

3. It is permissible, however, in connection with one or

*Of Religious Education III and Scripture III only one may be taken. Similarly of Religious Education IV and Scripture IV only one may be taken.

other of Groups I and II to substitute, subject to the approval of the Committee on Students' Courses, for four units of work there set down, four units from the Junior Division, such as, for example, the elementary work in a science or a language not already taken. Eight units of Junior Division work for Senior Division credit may be elected, four in each group, provided they represent two courses in sequence either in German or in Greek.

4. A student who desires to qualify for the degree of Bachelor of Science in the General Course, must, at the end of the Senior Division, have completed Science courses of the weight of at least thirty-two units, (of which at least twenty must be for courses normally taken in the Senior Division, with at least ten units in each of two sciences. If he does not meet this requirement with respect to the Science content of his course, but has otherwise regularly completed the work of the Junior Division and the Senior Pass Division he will receive the degree of Bachelor of Arts in the General Course.

Senior Honors Division in Arts

A student may be admitted to the Senior Honors Division in Arts who has fully completed the forty required units of credit in the Junior Division in Arts and Science upon an approved curriculum.

A student who, at the close of two years in the Junior Division, has not qualified to enter the Senior Honors Division, may after one year's work in the Senior Pass Division, transfer to the Senior Honors Division provided he has by that time—

1. Completed forty units of credit in the Junior Division upon an approved curriculum and sixteen units of credit in the Senior Pass Division.

2. Obtained at least 67% on each of two subjects (representing eight units of credit) of Group I of the Senior Pass Division, which subjects he will be permitted to elect in connection with further work in the Senior Honors Division.

The work of the Senior Honors Division in Arts comprises the following courses from which work must be completed representing in the aggregate forty-eight units of credit. This work must be chosen subject to the restrictions set out below and the requirements with regard to prerequisite courses found at the opening of the respective departmental announcements. The Roman numeral after the name of a subject indicates the year of a student's course in which it is normally taken and the Arabic numeral in parentheses thereafter the value of the subjects in units of credit towards a degree.

Group I (from which work of the value of sixteen units must be completed)—

Biblical Greek III (4), Economics III (4), English III (4), French III (4), German III (4), Classical Greek III (4), Hebrew III (4), History III (4), Latin III (4), Mathematics III (4), Philosophy III (4), Religious Education III (4)*, Scripture III (4)*, Sociology III (4), †Physics III (4).

A student may not continue in the Senior Honors Division who at the end of one annual session has not completed sixteen units of work from Group I and who has not as well obtained

*Of Religious Education III and Scripture III only one may be taken.

†Physics III, Physics IV H, and Physics V may be elected only with Mathematics or Applied Mathematics.

at least 67% on each of two subjects representing eight units of credit, which subjects he proposes to elect in connection with his further work in the Senior Honors Division.

Group II (from which work of the value of thirty-two units must be completed, consisting of a sixteen-unit sequence in each of two subjects in which the student has obtained already at least 67% in connection with his work of Group I.)

Economics IV H (8), Economics V (8);
English IV H (8), English V (8);
French IV H (8), French V (8);
German IV H (8), German V (8);
Classical Greek IV (8); Classical Greek V (8);
Hebrew IV H (8), Hebrew V (8);
History IV H (8), History V (8);
Latin IV H (8), Latin V (8);
Mathematics IV H (8), Mathematics V (8);
Applied Mathematics IV H (4), Applied Mathematics V (4);
Philosophy IV H (8), Philosophy V (8).
†Physics IV H (8), Physics V (8).

Upon completion of the above course the student will receive the degree of Bachelor of Arts with Honors.

At the close of the Second Year of the Senior Honors Division a student may be denied the right to go forward with the Honors work of the Third Year, where, in the opinion of both committees of examiners concerned with the rating of his work, his achievement does not warrant it, and the University Council may, on the joint recommendation of the two committees, admit him to the Bachelor of Arts degree in the General Course provided he has not fallen below 50 per cent. on any paper.

CURRICULA IN SCIENCE

I—BACHELOR OF SCIENCE

Matriculation

The requirements for Matriculation for Science are set forth in detail in the Matriculation Calendar. No applicant may be received as a regular student of the Junior Division in Arts and Science who carries any condition from Matriculation (the work Grades IX, X and XI in the High Schools as prescribed for University entrance.) Students who have fully completed courses recognized by the Department of Education for purposes other than University entrance, such as the Normal School Entrance course or the Practical Arts course, and whose deficiencies on the Matriculation course do not exceed two conditions, may be accepted as students of the Junior Division subject to such limitation of their first session's program in the Junior Division as may be ordered by the Committee on Student's Courses and with the requirement of approved concurrent instruction in the Matriculation work as yet uncompleted.

†Physics III, Physics IV H and Physics V may be elected only with Mathematics or Applied Mathematics.

Undergraduate Course

A student who has fulfilled the requirements for Arts Matriculation may proceed to the Pass or General Bachelor of Arts degree by completing satisfactorily, subject to the rules and regulations set forth hereafter, forty units† of credit in the Junior Division in Arts and Science and thirty-two units of credit in the Senior Pass Division in Arts and Science. He may proceed to the Honors Bachelor of Arts Degree by completing satisfactorily, subject to the rules and regulations set forth hereafter, forty units of credit in the Junior Division in Arts and Science and forty-eight units of credit in the Senior Honors Division of Arts. The work for the Pass or General degree is normally done in four annual sessions and that for the Honors degree in five, two being given to the Junior Division and two or three, as the case may be, to the Senior Division.

Junior Division in Arts and Science

The work of the Junior Division in Arts and Science comprises the following courses from which work must be completed by the student proceeding to the Bachelor of Science degree, representing, in the aggregate, forty units of credit. This work must be chosen subject to the restrictions set out below and the requirements with regard to prerequisite courses found at the opening of the respective departmental announcements. The Roman numeral after the name of a subject indicates the year of a student's course in which it is normally taken and the Arabic numeral in parentheses thereafter the value of the subject in units of credit towards a degree.

FOR STUDENTS PROCEEDING TO THE BACHELOR OF SCIENCE DEGREE IN THE GENERAL COURSE

Required Subjects (totalling twenty units)—

1. English I (4), English II (4).
 2. Mathematics I (4).
 3. French I (4), French II (4); or
German I (4), German II (4); or
Latin I (4), Latin II (4); or
Classical Greek I (4), Classical Greek II (4); or
Biblical Greek I (4); Biblical Greek II (4).
- (The language elected under 3 must be a language already taken for Matriculation credit. In the case of Biblical Greek, Classical Greek must have been taken for Matriculation.)

Elective Subjects (from which work of the value of twenty units must be completed).

(The language taken in 3 above is, of course, excluded from election here.)

- Biblical Greek IA (4), Biblical Greek IIA (4);
French I (4), French II (4);
German I (4), German IA (4), German II (4), German IIA (4)*;
Classical Greek I (4), Classical Greek II (4);
Hebrew I (4), Hebrew II (4);
Icelandic I (4), Icelandic II (4);

†A unit is a body of work to which is assigned for instructional purposes one hour of lecture or other class room exercise per week or one continuous laboratory period of two or three hours per week, throughout an entire session or the equivalent.

*Only eight units may be taken in German or Chemistry or Physics.

Latin I (4), Latin II (4);
 History I (4).
 History II (4).
 Astronomy II (2).
 Botany II (2); Botany IIM;
 Chemistry I (4), Chemistry II (4), Chemistry IIM (4)*;
 Mechanical Drawing I (2), Architectural Drawing I (2);†
 Geology II (2);
 Mathematics IA (2), Mathematics II (2);
 Physics I (4), Physics IIM (2); Physics II (4)*;
 Zoology II (2), Zoology IIM (4);
 Economics II (2);
 Ethics II (2)**;
 Logic II (2)**;
 Psychology II (2).

FOR STUDENTS PROCEEDING TO THE BACHELOR OF SCIENCE DEGREE IN THE HONORS COURSE

Required Subjects (totalling twenty-six units of credit)

1. English I (4), English II (4).
2. Mathematics I (4), Mathematics IA or IIA (2).
3. Physics I (4), Chemistry I (4) and either Physics II (4) or Chemistry II (4).

Elective Subjects (totalling sixteen units of credit and chosen on the following plan)—

1. Language courses totalling eight units—
 Either French I (4) and French II (4); or
 French I (4) and German IA (4) or
 German I (4) and German II (4); or
 German IA (4) and German IIA (4).
2. Work of the value of eight units from the following—
 Mathematics II (4), Physics II (4) or Chemistry II (4) (the one not already taken), Botany II (2),
 Zoology II (2), Geology II (2), Astronomy II (2).

The following considerations should be kept in view by students in considering their choices of subjects in the Junior Division:

1. Strict regard must be had for the prescription of prerequisites for the various subjects at the opening of the respective departmental announcements.
2. The Committee on Students' Courses will expect that unless in exceptional cases a subject will not be elected in any year other than the one in which, according to its designation, it is "normally taken."
3. A departure from this rule is found in the practice of recognizing a student's right in one year only of the Senior Pass Division or in the first year of the Senior Honors Division to elect as one of his four subjects a four unit subject of the Junior Division, provided of course that he secures the approval of the Committee on Students' Courses.

*Only eight units may be taken in German or Chemistry or Physics.

†A student who elects Mechanical Drawing I or Architectural Drawing I must also take Mathematics IA. Only one of these two courses in Drawing may be taken.

**A student may elect one of Ethics II and Logic II but not both.

4. (a) A student desiring to qualify for entrance upon the course for the degree in Civil Engineering or in Electrical Engineering, may, if fully matriculated, do so, upon completing twenty units in the Junior Division in Arts and Science upon the following course: English I, Mathematics I, Mathematics IA, Drawing I, Chemistry I and one of French I, German I, Latin I, Greek I. The language elected must have been taken for Matriculation.

(b) A student desiring to qualify for entrance upon the course for the degree in Architecture, may, if fully matriculated, do so upon completing twenty units in the Junior Division in Arts and Science upon the following course: English I, Mathematics I, Mathematics IA, Architectural Drawing I, Physics I and French I.

5. A student desiring to qualify for entrance upon the course for the degree in Medicine, may, if fully matriculated (with a course involving Latin and Physics) do so upon completing forty units in the Junior Division in Arts and Science upon the following course*: English I, English II; Mathematics I; German IA; German IIA; Botany IIM; Chemistry I; Chemistry IIM; Physics I and Physics IIM; Zoology IIM.

6. A student who desires to qualify for the degree of B.Sc. in the General Course must at the end of the Senior Division have completed Science courses of the weight of at least thirty-two units (of which at least twenty must be for courses normally taken in the Senior Division), with at least ten units in each of two Sciences. It is required that he elect either Physics I or Chemistry I in the Junior Division and should make additional Science elections in view of the requirements above.

In order that students intending to enter the Senior Honors Division in Science may be informed of the more usual and desirable combinations of subjects for their work of the Second and Third Years of the Senior Division, and further, in order that such students may have some guidance in the selection of their subjects in the Junior Division and the First Year of the Senior Honors Division, so that they may acquire adequate preliminary training for the more specialized work of the last two years, the following suggestions are made:

It is recommended that one of the following combinations be elected in the Second and Third Years of the Senior Honors Division, viz: Botany and Zoology; Chemistry and Physics; Chemistry and Botany; Chemistry and Zoology; Chemistry and Geology; Mathematics and Physics; Geology and Zoology. Any student who for special reasons desires to prepare himself for the election of any combination of subjects not listed here should consult the Departments concerned at the earliest opportunity.

*In general any standard course, beyond matriculation, given in a recognized University and accepted by it for two years' credit toward a B.A. or a B.Sc. degree, is considered adequate for purposes of admission to the course in Medicine, provided the minimum requirements laid down above in Physics, Chemistry, Botany and Zoology are fully met. Students taking Grade XII with the study of Medicine in view, should elect the language, preferably a modern one, offered in their school.

First Year, Junior Division

Students intending to proceed to the Senior Honors Division in Science should elect the following subjects: English I (4); Mathematics I (4); Physics I (4); Chemistry I (4); French I (4) or German I (4) or German IA (4).

Second Year, Junior Division

Students intending to proceed to the Senior Honors Division in Science should elect the following subjects: English II (4); French II (4), or German IA* (4), or German II (4), or German IIA (4); Mathematics IIA (2); Physics II (4), or Chemistry II (4). In addition the course must be rounded out to twenty-two units and the following selections for the various Science combinations of the Second and Third Years of the Senior Honors Division should be made:

Botany and Zoology	{	Physics II (4); Chemistry II (4);
Botany and Chemistry		Botany II (2); Zoology II (2);
Chemistry and Zoology	{	Mathematics II (4); Chemistry II (4);
Chemistry and Physics		Physics II (4).
Mathematics and Physics	{	Chemistry II (4); Geology II (2);
Chemistry and Geology		Physics II (4); Zoology II (2) or Botany II (2).
Geology and Zoology	—Geology II (2); Botany II (2); Zoology II (2); Astronomy II (2); Chemistry II (4).	

First Year, Senior Division

The following selections of subjects for the various science combinations of the Second and Third Years of the Senior Honors Division should be made:

Botany and Zoology	—Botany III (4); Zoology III (4); 8 units from Chemistry III (4); Physics III (4); Geology II (2), an Arts subject (2).	
Chemistry and Physics	—Chemistry III (4); Physics III (4); Mathematics IIIS (4) or Mathematics III (4); 4 additional units to be selected.	
Chemistry and Botany	{	Chemistry III (4); Botany III (4);
Chemistry and Zoology		Zoology III (4); 4 additional units to be selected.
Chemistry and Geology	—Chemistry III (4); Geology III (4); Physics III (4); Botany III (4) or Zoology III (4).	
Mathematics and Physics	—Mathematics III (4); Physics III (4); and 8 additional units to be selected.	
Geology and Zoology	—Geology III (4); Botany III (4); Zoology III (4); Chemistry III (4).	

Senior Pass Division in Arts and Science

A student may be admitted conditionally to the Senior Pass Division in Arts and Science who has completed at least thirty-

*It is expected that by the end of the Junior Division students intending to take Honors in Science will have earned eight units of credit in modern languages and will have an elementary acquaintance with both French and German.

six units of credit in the Junior Division upon an approved curriculum. In case he is permitted to enter without having completed in full the forty required units of the Junior Division this fact will be taken into account in approving his course for the first academic year of his work in the Senior Division.

The work of the Senior Pass Division in Arts and Science comprises the following courses from which work must be completed representing in the aggregate thirty-two units of credit. This work must be chosen subject to the restrictions set out below and the requirements with regard to prerequisite courses found at the opening of the respective departmental announcements. The Roman numeral after the name of a subject indicates the year of a student's course in which it is normally taken and the Arabic numeral in parentheses thereafter the value of the subject in units of credit towards a degree.

Group I (from which work of the value of sixteen units must be completed)—

Biblical Greek III (4), Biblical Greek IIIA (4), Botany III (4), Chemistry III (4), Economics III (4), English III (4), French III (4), Geology III (4), German III (4), Classical Greek III (4), Hebrew III (4), History III (4), Latin III (4), Mathematics III (4), Mathematics IIIA, Philosophy III (4), Physics III (4), Religious Education III (4)*, Scripture III (4)*, Sociology III (4), Zoology III (4).

Group II (from which work of the value of sixteen units must be completed)—

Biblical Greek IV (4), Biblical Greek IVA (4), Botany IV (4), Chemistry IV (4), Economics IV (4), English IV (4), French IV (4), Geology IV (4), German IV (4), Classical Greek IV (4), Hebrew IV (4), History IV (4), Latin IV (4), Mathematics IV (4), Philosophy IV (4), Physics IV (4), Religious Education IV (4)*, Scripture IV (4)*, Sociology IV (4), Zoology IV (4).

The following considerations should be kept in view by students in considering their choices of subjects in the Senior Pass Division in Arts and Science:

1. Strict regard must be had for the prescription of prerequisites for the various subjects at the opening of the respective departmental announcements.

2. The Committee on Students' Courses will expect that in the main the subjects elected in Group I above will be carried forward in Group II, or, in other words, that a reasonable degree of sequence will be observed.

3. It is permissible, however, in connection with one or other of Groups I and II to substitute, subject to the approval of the Committee on Students' Courses, for four units of work there set down, four units from the Junior Division, such as, for example, the elementary work in a science or a language not already taken. Eight units of Junior Division work for Senior Division credit may be elected, four in each group, provided they represent two courses in sequence, either in German or in Greek.

4. A student who desires to qualify for the degree of

*Of Religious Education III and Scripture III only **one** may be taken. Similarly of Religious Education IV and Scripture IV only **one** may be taken.

Bachelor of Science in the General Course must, at the end of the Senior Division, have completed Science courses of the weight of at least thirty-two units, (of which at least twenty must be for courses normally taken in the Senior Division), with at least ten units in each of two sciences. If he does not meet this requirement with respect to the Science content of his course, but has otherwise regularly completed the work of the Junior Division and the Senior Pass Division, he will receive the degree of Bachelor of Arts in the General Course.

Senior Honors Division in Science

A student may be admitted to the Senior Honors Division in Science who has fully completed the forty required units of credit in the Junior Division in Arts and Science upon a curriculum approved for the purpose.

Group I (from which work of the weight of sixteen units must be completed)—

Astronomy III (4)*, Botany III (4), Chemistry III (4), Geology III (4), Mathematics III (4), Physics III (4), Zoology III (4).

A student may not continue in the Senior Honors Division who at the end of one annual session has not completed sixteen units of work from Group I and who has not as well obtained at least 67% on each of two subjects representing eight units of credit, which subjects he proposes to elect in connection with his further work in the Senior Honors Division.

Group II (from which work of the weight of thirty-two units must be completed)—

Botany IV H (8), Botany V (8);
Chemistry IV H (8), Chemistry V (8);
Geology IV H (8), Geology V (8);
Mathematics IV H (8), Mathematics V (8);
Physics IV H (8), Physics V (8);
Zoology IV H (8), Zoology V (8).

Upon completion of the above course the student will receive the degree of Bachelor of Science with honors.

At the close of the Second Year of the Senior Honors Division a student may be denied the right to go forward with the Honors work of the Third Year, where, in the opinion of both committees of examiners concerned with the rating of his work, his achievement does not warrant it, and the University Council may, on the joint recommendation of the two committees, admit him to the Bachelor of Science degree in the General Course provided he has not fallen below 50 per cent. on any paper.

COURSES IN ARTS AND SCIENCE IN DETAIL

The Roman numeral indicates the year in which that course is normally studied. The odd Arabic numeral indicates a first term course and the even a second term. Both numerals indicate a sessional course.

DEPARTMENT OF CLASSICS

Pres. J. H. Riddell, B.A., B.D., D.D., LL.D. Professor

LATIN

Latin I—Courses 1, 2; 3, 4. (Prerequisite, Matriculation Latin).

Latin II—Courses 5, 6. (Prerequisite, Latin I).

1, 2. **Grammar and Composition.** In preparation for this

*If Astronomy III is elected, Mathematics III and Physics III must also be taken.

paper students will be expected to provide themselves with D'Ooge: Concise Latin Grammar (Ginn & Co.). Questions on Grammar will be set involving a knowledge of forms. In Composition sentences will be given for translation, based on the vocabulary of the prescribed prose author and on the following principles of syntax: (a) First Term: the common case constructions; participles; intransitive verbs; indirect statement; indirect command; indirect question; purpose clauses; result clauses. (b) Second Term: the constructions set down for the First Term; gerund and gerundive; temporal clauses; causal clauses; conditional clauses (regular types); constructions after verbs of Preventing and fearing; subordinate clauses in indirect narration.

3, 4. **Authors and Sight Translation.** A knowledge of the syntax and subject matter of the Authors read is also required. First Term: (a) **Aulus Gellius**, Selected Stories, edited by Nall (Macmillan's Elementary Classics). Selections VI, VIII-XII, XV-XIX, XXI-XXIII, XXVII-XXXII, XXXIV-XXXVI, XXXVIII-XL. (b) **Livy**: Selections 19-33, edited by Laming (Macmillan's Elementary Classics). Second Term: (a) **Cicero**, Letters 1, 2, 3, 5, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 20, 23, 24, in New Cicero, edited by Bennett (Allyn and Bacon). (b) **Virgil**, Aeneid I, lines 232-756. In addition students will be examined on the contents of Aeneid II and III, which are to be read in the verse translation by Rhoades. (Poems of Virgil in English Verse, Oxford Press.)

The time given to Latin I is four hours per week.

5, 6. **Authors and Sight Translation.** A knowledge of the syntax and subject matter of the Authors read is also required. Twenty per cent. of the paper will be assigned to Sight Translation. First Term: (a) **Livy**, Extracts from Livy, by Lee-Warner and Gardiner (Clarendon Press), pages 47-79. (b) **Catullus**, edited by Macmillan (Junior Latin Series, Oxford Press) Nos. 1, 3, 4, 9, 11, 13, 31, 35, 38, 44, 46, 49, 53, 64 (lines 132-250) 70, 73, 84, 85, 93, 96, 101. Second Term: (a) **Cicero**, Pro Lege Manilia, edited by King (Oxford Press). (b) **Horace**, Odes, Book I, edited by Page (Macmillan's Elementary Classics), Nos. 1-4, 9, 11, 14, 22, 24, 29, 34, 35, 37, 38. Four hours a week.

Students who elect Latin as a subject in the Third and Fourth Years should provide themselves with: A Latin Dictionary (Lewis' Latin Dictionary for Schools. Oxford Press), Latin Literature (Mackail: Murray), A Classical Atlas (Atlas of Classical Geography, Everyman's Library).

GREEK

Greek I—Courses 1, 2.

Greek II—Courses 3, 4. (Prerequisite, Matriculation Greek or Greek I).

1. **Beginner's Greek Course.** This course is intended for students who have not had the opportunity of taking Greek for Matriculation. The purpose is to prepare students as rapidly as possible for the reading of Greek. Gleason's Greek Primer (American Book Co.), Lessons I-XXX. Four hours a week.

2. **Beginner's Greek Course.** Continuation of Course I.

Gleason's Greek Primer, Lessons XXXI-LVII; and **Xenophon**, Easy Selections from Xenophon, pages 1-20 (Philpotts and Jerram, Oxford Press). Sight translation. Four hours a week.

3 (a) **Gleason's Greek Primer**, Lessons 58, 59, 61-64, 66, 67.

(b) **Xenophon**, Selections from Xenophon's Hellenica (Philpotts, Oxford Press), sections II and VI. Sight translation. Four hours a week.

4. **Homer**, Iliad, Books I-VI (Seymour, Ginn & Co.). The following extracts will be read: I, 1-317; III, 1-244; VI, 237 to end. Sight translation. Four hours a week.

ICELANDIC

Icelandic I—Courses 1, 2; 3, 4. (Prerequisite, Matriculation Icelandic).

Icelandic II—Courses 5, 6; 7, 8. (Prerequisite, Icelandic I).

1, 2. **Grammar**. An Elementary Grammar of Old Icelandic (H. M. Buckhurst, Methuen & Co.) (a) First Term: Chapters 1 to 3; (b) Second Term: Chapters 4 to 9. One hour a week.

3, 4. **Authors**. Easy Readings in Old Icelandic (W. A. Craigie); I. B. Hutchen, Edinburgh. (a) First Term; Selections 1 to 30; (b) Second Term: Selections 31 to 60, together with the following: *Íslendinga Þættir* (ed. by Þorleifur Jónsson, Rvík 1904): (1) Ívars þáttur Ingimundarsonar. (2) Þórarins þáttur Nefjólfssonar. (3) Þorleifs þáttur jarlsskálds. Three hours a week.

5, 7. **Authors**. With grammar in conjunction. (a) Gunnlaugs Saga, Ormstungu. (b) Saemundar Edda (F. Jónsson), pp. 87-107. Four hours a week.

6, 7. **Authors**. With grammar in conjunction. (a) Saemundar Edda (F. Jónsson), pp. 1-58, 137-160, 169-173. (b) History of Icelandic literature (F. Jónsson), pp. 69-91. Four hours a week.

DEPARTMENT OF ENGLISH

Arthur L. Phelps, B.A. Professor

Watson Kirkconnell, M.A., F.R.G.S., F.R. Hist. S.,
F.S.S., F.R.A.I. Associate Professor

English I—Courses, 1, 2. (Prerequisite, Matriculation English.)

English II—Courses 3, 4; 5, 6. (Prerequisite, English I.)

English IIA—Courses 5, 6. (Prerequisite, English I.)

English III—Courses 7, 8, 9, 10. (Prerequisite, English II.)

English IV—Courses 11, 12, 13, 14. (Prerequisite, English III.)

English IV H—Courses 11, 12, 13, 14, 15, 16, 19, 20. (Prerequisite, English III.)

English V—Courses 19, 20, 21, 22, 23, 24, 25, 26. (Prerequisite, English IV H.)

Note—Every student should own a good English Dictionary. The Concise Oxford Dictionary is recommended.

1, 2. **Readings in English Poetry and Prose.** An introductory survey of English Literature, Poetry and Prose. First Year Arts, First and Second Terms. Four hours a week.

(1) First Term: (a) **English Poetry.** Text: Greater English Poets, edited by Crawford, Perry, and Woodhouse (Macmillan). The following poems:

Milton—On Shakespeare; L'Allegro; Il Penseroso; Sonnets II, VIII, XIII, XIX, XXII, XXIII;

Dryden—Absalom and Achitophel, lines 134-227; Epigram on Milton; Alexander's Feast;

Pope—The Rape of the Lock; The Universal Prayer;

Collins—Selections in text;

Gray—An Ode, On a distant Prospect of Eton College; Elegy written in a Country Churchyard;

Goldsmith—The Deserted Village;

Cowper—On the Loss of the Royal George; On the Receipt of My Mother's Picture; to Mary; The Castaway;

Blake—Selections in text;

Burns—Selections in text;

Wordsworth — Simon Lee; Lines Composed a Few Miles above Tintern Abbey; The Reverie of Poor Susan; We Are Seven; She was a Phantom of Delight; My Heart Leaps up; The Solitary Reaper; At the Grave of Burns; Composed upon Westminster Bridge; On the Sea-Shore near Calais; I Wandered Lonely as a Cloud; The World is too much with us;

Coleridge—The Ancient Mariner; Kubla Khan.

(b) **English Prose—**

Bible—The Book of Ruth (King James Version);

Bunyan—Pilgrim's Progress, Part I (Nelson's Classics);

Addison — Select Essays of Addison, edited by Samuel Thurber, pp. 1-80 (Allyn & Bacon);

Swift—Gulliver's Travels, Parts I & II (Houghton, Mifflin & Co.);

Defoe—Robinson Crusoe, Part I (Nelson's Classics);

Goldsmith—The Vicar of Wakefield (Nelson's Classics);

Lamb—Essays of Elia (King's Treasuries, Dent).

(c) **History of English Literature.** Text: English Literature, Its History, by W. J. Long (Ginn & Co.), Chapter VI, pages 166-174; Chapters VII, VIII, IX, X (to page 393).

Reference: A Biographical Dictionary of English Literature (Dent, "Everyman," No. 449).

(2) Second Term. (a) **English Poetry.** Text: Greater English Poets, edited by Crawford, Perry, and Woodhouse (Macmillan). The following poems:

Byron—She Walks in Beauty; The Prisoner of Chillon; Selections from Childe Harold;

Shelley—Ode to the West Wind; To a Skylark;

Keats—The Eve of St. Agnes; Ode on a Grecian Urn; La Belle Dame Sans Merci; Ode to a Nightingale;

Mrs. Browning—Cowper's Grave; The Forced Recruit;

Poe—The Raven;
Tennyson—The Lady of Shalott; Oenone; The Lotos-Eaters;
Ulysses; Break, Break, Break; Tithonus; Idylls of the King;
Crossing the Bar;

Browning—Incident of the French Camp; My Last Duchess;
Count Gismond; Home-Thoughts, from Abroad; Home-Thoughts,
From the Sea; Up at a Villa—Down in the City; Andrea del
Sarto; Prospice; Asolando; Epilogue;

Arnold—The Forsaken Merman; To Marguerite; Rugby
Chapel; Dover Beach;

Rossetti—Selections in text;

Hardy—Selections in text;

Watson—Selections in text;

Carman—Selections in text;

Yeats—Selections in text;

Kipling—Selections in text;

McCrae—Selections in text;

Noyes—Selections in text;

Brooke—Selections in text;

Arnold—Sohrab and Rustum (Houghton, Mifflin & Co.)

(b) **English Prose—**

Scott—Kenilworth (Nelson's Classics);

George Eliot—Scenes of Clerical Life: Amos Barton; Mr.
Gilfil's Love Story;

Dickens—Great Expectations;

Hardy—Far from the Madding Crowd.

(c) **History of English Literature.** Text: English Literature,
Its History, by W. J. Long (Ginn & Co.), Chapters X (page 395
to end), XI, and XII.

Reference: A Biographical Dictionary of English Literature
(Dent, "Everyman," No. 449).

3, 4. **English Poetry.** Second Year Arts, First and Second
Terms.

(1) First Term: Chaucer, Spenser, Milton.

(a) Chaucer: The Prologue to the Canterbury Tales;

(b) Spenser: The Faerie Queene, Book I, Canto I; Sonnets
from Amoretti;

(c) Milton: On the Morning of Christ's Nativity; Lycidas;
Paradise Lost, Book I.

Text: Greater English Poets, edited by Crawford, Perry and
Woodhouse (Macmillan).

Note: The course involves a knowledge of the life and times
of the authors read, and an ability to render Chaucer into
modern English prose.

References: English Literature, Its History, by W. J. Long
(Ginn & Co.); Chapter IV, "The Age of Chaucer;" Chapter VI,
"The Age of Elizabeth, pp. 101-112; Chapter VII, "The Puritan
Age," pp. 186-218; Chaucer, Spenser, Milton, in English Men of
Letters Series (Macmillan); Chaucer, Spenser, Milton, in Diction-
ary of National Biography; A Biographical Dictionary of English
Literature (Dent, "Everyman," No. 449); Essay on Milton, by
Macaulay (Ginn & Co.).

(2) Second Term: Shakespeare—The following plays: Romeo
and Juliet; Henry the Fourth, Part I; King Lear. Texts: The

New Hudson Shakespeare (Ginn & Co.); English Literature, Its History, by W. J. Long (Ginn & Co.), Chapter VI, "The Age of Elizabeth."

References: "King Lear, A Tragedy of Despotism," Chapter V. in Hamlet and other Essays, by A. W. Crawford (Copp Clark). An introduction to Shakespeare, by MacCracken and others (Macmillan), Chapters I, III, IV; "Shakespeare" in Dictionary of National Biography, or biographies of Shakespeare by Sidney Lee, and Joseph Quincey Adams.

5, 6. **English Prose.** A study of some of the masterpieces of English prose. Second Year Arts, First and Second Terms.

(1) First Term: Bacon—The Essays of Francis Bacon, edited by C. S. Northup (Houghton, Mifflin & Co.). The following essays: Numbers 1, 2, 4, 5, 6, 10, 11, 16, 17, 18, 23, 24, 27, 29, 33, 36, 39, 40, 45, 46, 50;

Bible—The Book of Job (King James Version);

Addison—Select Essays of Addison, edited by Samuel Thuerber (Allyn & Bacon, Boston). Selections, pages 80-89, 104-122, 141-167, 177-180, 187-206, 213-220;

Johnson—Rasselas (Oxford);

Burke—Speech on Conciliation with America, edited by Lamont (Ginn & Co.)

Reference: English Literature, Its History, by W. J. Long (Ginn & Co.).

(2) Second Term: Nineteenth Century Prose Writers.

Carlyle—Signs of the Times; Essay on Burns Inaugural Address at Edinburgh; (Everyman);

Emerson—Compensation; Shakespeare; The American Scholar (Essays and Addresses, Scott, Foresman & Co.);

Ruskin—The Open Sky; Mountain Glory; Greatness in Art; The Pathetic Fallacy; St. Mark's; Nature of Gothic; Roots of Honor (Modern Student's Library, Scribner's);

Arnold—Sweetness and Light; The Function of Criticism; Literature and Science (Houghton, Mifflin & Co.);

Huxley—The Advisableness of Improving Natural Knowledge; A Liberal Education; A Piece of Chalk (Longmans).

References: A Nineteenth Century Literature, by George Saintsbury (Macmillan); English Literature, Its History, by W. J. Long (Ginn & Co.).

7. **Chaucer and Spenser.** (a) Chaucer—The Canterbury Tales: The Prologue; The Knightes Tale; The Nonne Preestes Tale; The Pardoner's Tale. Texts: Selections from Chaucer, edited by E. A. Greenlaw (Scott, Foresman & Co.); The Clerkes Tale, edited by Kenneth Sisam (Oxford); The Poetry of Chaucer, by R. K. Root (Houghton, Mifflin & Co.). (b) Spenser—The Faerie Queene, Book I, edited by Kitchin (Oxford); Life of Spenser, by R. W. Church (English Men of Letters, Macmillan). Third Year Arts, First Term. Two hours a week.

8. **Shakespeare.** The Merchant of Venice; Henry the Fifth; Much Ado About Nothing; Hamlet; Othello; Anthony and Cleopatra (New Hudson Shakespeare, Ginn & Co.). Introduc-

tion to Shakespeare by MacCracken and others (Macmillan); A Life of Shakespeare, by Joseph Q. Adams (Houghton Mifflin Co.).

References: A Life of Shakespeare, by Sidney Lee (Macmillan); Hamlet, An Ideal Prince, and other Essays, by A. W. Crawford (Copp Clark); Elizabethan Literature, by Saintsbury (Macmillan); History of English Dramatic Literature, by A. W. Ward (Macmillan); Elizabethan Drama, by F. E. Schelling (Houghton Mifflin Co.). Third Year Arts, Second Term. Two hours a week.

9. **Milton.** (a) Poetry: Comus; Sonnets; Paradise Lost, Books I, II, III, IV, IX; Samson Agonistes. (b) Prose: Of Education; Areopagitica; The Tenure of Kings and Magistrates. Text: Milton's Prose, selected and edited by Malcolm W. Wallace (World's Classics, Oxford Press).

References: The Tenure of Kings and Magistrates, edited by W. T. Allison (Henry Holt & Co.); Milton, by John Bailey (Home University Library); A Milton Handbook, by James H. Hanford (New York, F. S. Crofts & Co.). Third Year Arts, First Term. Two hours a week.

10. **Restoration and Eighteenth Century Literature.** (Dryden to Burns).

(a) **Poetry:**

Dryden—Annus Mirabilis; Absalom and Achitophel, Part I; Religio Laici; The Hind and the Panther, Part I. Text: Dryden, Select Poems, edited by Christie (Oxford);

Pope—Ode on Solitude; Essay on Criticism; Elegy on an Unfortunate Lady; Essay on Man; Epistle to Dr. Arbuthnot; To Augustus; Epilogue to the Satires, Dialogue II. Text: Pope, Selected Poems, edited by Sherburn (Nelson, Toronto).

Selections from: Dryden, Swift, Pope, Thomson, Johnson, Collins, Gray, Goldsmith (The Traveller). Text: English Poems, Restoration and Eighteenth Century, edited by Bronson (University of Chicago Press).

(b) **Prose:**

Swift—Gulliver's Travels, Parts III and IV (Macmillan's Pocket Classics); The Battle of the Books (Everyman's Library);

Johnson—Lives of Cowley and Dryden, in Lives of the Poets (World's Classics, Oxford);

Boswell—A Shorter Boswell, edited by Bailey (Nelson).

References: Eighteenth Century Literature, by Gosse (Macmillan); Dryden, by Saintsbury; Swift, by Stephen; Pope, by Stephen; (English Men of Letters, Macmillan); Dr. Johnson and His Circle, by Bailey (Home University Library).

Third Year Arts. Second Term. Two hours a week.

11. **Tennyson.** (a) Shorter Poems: The Two Voices; The Palace of Art; The Lotos-Eaters; St. Simeon Stylites; Locksley Hall; The Vision of Sin; Break Break, Break; Ode on the Death of the Duke of Wellington; In the Valley of Caunteretz; Locksley Hall (Sixty Years After); Crossing the Bar. (b) In Memoriam. (c) Maud. (d) Idylls of the King; The Coming of Arthur; The Holy Grail; Guinevere; The Passing of Arthur. Texts: Works of Tennyson, edited by Hallam, Lord Tennyson (Macmillan),

Tennyson, by Alfred Lyall (English Men of Letters Series, Macmillan).

Reference: Tennyson, A Memoir, two volumes, by Hallam, Lord Tennyson (Macmillan). Fourth Year Arts, Pass and Honors. First Term. Two hours a week.

12. **Browning.** Love among the Ruins; Up at a Villa—Down in the City; A Toccata of Galuppi's; Old Pictures in Florence; Saul; By the Fireside; Memorabilia; Popularity; The Italian in England; A Grammarian's Funeral; "Childe Roland to the Dark Tower Came;" How it Strikes a Contemporary; An Epistle of Karshish; Pictor Ignotus; Fra Lippo Lippi; The Bishop Orders his Tomb; Cleon; Abt Volger; Rabbi Ben Ezra; A Death in the Desert; Caliban upon Setebos.

Texts: Selected Poems of Browning, edited by L. R. Gibbs (Macmillan), Life of Browning, by Edward Dowden (Dent, Everyman, No. 701).

References: The Life of Browning, by Griffin & Minchin (Macmillan); The Life and Letters of Browning, by Mrs. Orr, revised by Kenyon (Houghton, Mifflin & Co.); Browning, Poet and Man, by Elizabeth L. Carey (Putnams); Browning, by G. K. Chesterton (English Men of Letters, Macmillan). Fourth Year Arts. Pass and honors. Second term, two hours a week.

13. **Byron, Shelley, Keats.**

Byron—Selected Poems of Lord Byron (World's Classics, Oxford): When We Two Parted; Maid of Athens; And thou art dead; She walks in Beauty; If that high World; Oh! snatch'd away in Beauty's Bloom; When Coldness wraps this suffering Clay; The Destruction of Sennacherib; Stanzas for Music; There be none of Beauty's Daughters; The Dream; Darkness; So, we'll go no more a-roving; Stanzas written on the Road between Florence and Pisa; Stanzas inscribed: 'On this day I complete my Thirty-sixth Year;' From Childe Harold's Pilgrimage; From the Giaour, lines beginning "Clime of the unforgotten brave" to end of extract; From The Bride of Abydos, "Know ye the Land"; from the Corsair; Mazeppa; From Don Juan, "The Isles of Greece."

Shelley—Selected Poems of Shelley, edited by G. H. Clarke (Houghton, Mifflin & Co.): Hymn to Intellectual Beauty; Mount Blanc; Lines Written Among the Euganean Hills; Stanzas written in Dejection; Autumn: A dirge; Ode to Liberty; The Sensitive Plant; Mutability; A Lament ("O World! O Life! O Time"); Adonais;

Keats—Keats: Poetry and Prose, edited by Henry Ellershaw (Oxford): From Sleep and Poetry; From I Stood Tip-toe; Lamia; Isabella; Ode to a Nightingale; Ode on a Grecian Urn; Ode to Psyche; Bards of Passion and of Mirth; Lines on the Mermaid Tavern; Ode on Melancholy; Ode on Indolence; Sonnets (as in text); La Belle Dame Sans Merci; Letters (as in text).

Note—The biographies of Byron, Shelley, and Keats are to be read, in English Men of Letters, etc.

References: Byron, by Ethel C. Mayne (Scribner's); Life of Shelley, by Edward Dowden (Kegan Paul); John Keats, by Sidney Colvin (Scribner's); Fourth Year Arts, Pass and Honors, First Term. Two hours a week.

14. **The English Novel.** Hopkins & Hughes, Extracts from the English Novel before the Nineteenth Century (Ginn); Goldsmith's *Vicar of Wakefield* (Nelson's Classics); Maria Edgeworth's *Castle Rackrent* (Everyman); Walpole's *Castle of Otranto* (Hopkins & Hughes); Scott's *Heart of Midlothian* (Nelson's Classics); Jane Austen's *Pride and Prejudice* (Nelson's Classics); Thackeray's *Henry Esmond* (Nelson's Classics); Dickens' *Oliver Twist* (Nelson's Classics); George Eliot's *Middlemarch* (Collins); Stevenson's *Master of Ballantrae* (Macmillan's Pocket Classics); Hardy's *The Return of the Native* (Scribner's); William de Morgan's *Joseph Vance* (Nelson). Text: *Development of the English Novel*, by W. L. Cross (Macmillan). Fourth Year Arts, Pass and Honors. Second Term. Two hours a week.

(Note—As preparation for class study, students should read these novels carefully during the preceding summer.)

15. **Elementary Old English.** (a) Text: Bright's *Anglo-Saxon Reader* (Holt). Phonology, Grammar. Extracts I, II, III V, XVIII, XIX, XX, XXI.

Reference: *English Literature before Chaucer*, by P. G. Thomas (Edward Arnold & Co., London). Fourth Year Arts, Honors. First Term. Two Hours a week.

16. **Middle English.** A Middle English Reader, edited by O. F. Emerson (Macmillan); Translations of *Piers the Plowman*, *Pearl*, and *Sir Gawain and The Green Knight*, in *Romance, Vision, and Satire*, edited by Jessie L. Weston (Houghton, Mifflin & Co.); Translation of *The Owl and the Nightingale*, in *The Chief Middle English Poets*, edited by Jessie L. Weston (Houghton, Mifflin & Co.).

References: *Introduction to Medieval Literature*, by C. S. Baldwin (Longman); *English Literature before Chaucer*, by P. G. Thomas (Edward Arnold & Co.); *Long Will*, a Romance by Florence Converse (Everyman). Fourth Year Arts, Honors. Second Term. Two hours a week.

17. **Spenser and Non-Dramatic Literature of the Sixteenth and Seventeenth Centuries.** (a) Poetry: Spenser's *Faerie Queen*, Book V; *The Shepherd's Calendar*, *Eclogue X*, *October*; *Hymn of Heavenly Beauty*; *Hymn of Heavenly Love*. Text: *The Oxford Spenser. English Poems, Elizabethan Age and Puritan Period*, edited by Bronson (University of Chicago Press), selections from Wyatt to Waller, with special study of the following poets: Spenser, Marlowe, Shakespeare, Campion, Drayton, Jonson, Donne, Herbert, Herrick, Vaughan, Cowley, Waller, Marvell.

(b) Prose: *English Prose, Wycliffe to Clarendon*, edited by Peacock (World's Classics), pp. 180-231; 237-254; 259-306; 310-324; 420-459; 465-471; 478-553; *English Critical Essays, Sixteenth to Eighteenth Centuries*, edited by Jones (World's Classics), pp. 1-115; *More's Utopia*, Book II, edited by Collins (Oxford); *Ascham's The Schoolmaster*, Book I, (Arber's Reprints); *Hooker's Laws of Ecclesiastical Polity*, Book I, edited by Church (Oxford); *Bacon's Advancement of Learning*, Book II, and *New Atlantis* (World's Classics). Fourth and Fifth Years, Arts. Honors. First Term. Two hours a week.

18. Wordsworth and Coleridge. (a) William Wordsworth—The Reverie of Poor Susan; We Are Seven; Simon Lee; Lines Written in Early Spring; Expostulation and Reply; The Tables Turned; The Old Cumberland Beggar; Tintern Abbey; Three Years She Grew; Lucy Gray; Ruth; Influence of Natural Objects; Nutting; Matthew; Hart-Leap Well; The Pet Lamb; Michael; To the Cuckoo; My Heart Leaps Up; Resolution and Independence; To the Daisy (In youth, etc.); To The Same Flower; To the Daisy (Bright Flower); The Green Linnet; At the Grave of Burns; To a Highland Girl; Stepping Westward; The Solitary Reaper; Yarrow Unvisited; She Was a Phantom of Delight; I Wandered Lonely as a Cloud; French Revolution; Ode to Duty; Elegiac Stanzas; Character of the Happy Warrior; Ode on Intimations of Immortality; Yarrow Visited; To a Skylark (Ethereal Minstrel); Yarrow Revisited; On the Extinction of the Venetian Republic; September, 1802, near Dover; London, 1802 (Milton); To the Men of Kent; Composed upon Westminster Bridge; It is a Beauteous Evening; The World is Too Much with us; Inside of King's Chapel.

Texts: Poems by Wordsworth, edited by Edward Dowden (Athenaem Press Series, Ginn & Co.); Wordsworth's Prefaces and Essays on Poetry, edited by A. J. George (Heath); Wordsworth (English Men of Letters), by F. W. H. Myers (Macmillan).

Reference: William Wordsworth, His Life, Works, and Influence, by G. M. Harper, two volumes, (London, John Murray).

(b) Samuel Taylor Coleridge—A Quiet Place; This Lime-Tree Bower My Prison; Frost at Midnight; Fears in Solitude; The Nightingale; Ode on the Departing Year; France, An Ode; Dejection; Ode to Tranquillity; Hymn Before Sun-Rise in the Vale of Chamouni; The Ancient Mariner; Christabel; Kubla Khan; Youth and Age; Love; Lewti; Alice du Clos; To a Gentleman; The Pains of Sleep.

Texts: The Golden Book of Coleridge, edited by Stopford A. Brooke (Everyman's Library, Dent); Coleridge (English Men of Letters), by H. D. Traill (Macmillan).

Reference: S. T. Coleridge, A Narrative of the Events of his Life, by J. Dykes Campbell (Macmillan). Fourth and Fifth Years, Arts. Honors. Second Term. Two hours a week.

19. Early English Drama. Everyman: The Wakefield Second Shepherds' Play; Udall's Ralph Roister Doister; Norton and Sackville's Gorboduc; Marlowe's Doctor Faustus; Jonson's The Alchemist; Beaumont and Fletcher's The Knight of the Burning Pestle (Everyman's Library, numbers 381, 491, 492, 383, 490, 506). Introduction to Shakespeare, by MacCracken, and others (Macmillan); Chapters II, "English Drama Before Shakespeare"; III, "The Elizabethan Theatre"; IV, "Elizabethan London."

References: Elizabethan Literature, by Saintsbury (Macmillan); History of English Dramatic Literature, by A. W. Ward (Macmillan); Elizabethan Drama, by F. E. Schelling (Houghton, Mifflin Co.) Fourth and Fifth Year Arts, Honors. First Term. Two hours a week. Not to be given in 1930-1931.

20. Later Drama. The following plays:
Browning—Pippa Passes (Everyman, Dent);
Tennyson—Becket (Macmillan);

Shaw—Pygmalion (Constable);
 Barrie—Dear Brutus (Scribner's);
 Galsworthy—The Pigeon (Duckworth);
 Masefield—The Tragedy of Nan (Macmillan).
 Fourth and Fifth Years, Arts. Honors. Second Term. Two
 hours a week. Not to be given in 1930-1931.

21. Victorian and Georgian Poets. (a) Selections from Mrs. Browning, Clough, Arnold, Rossetti, Morris, Swinburne. Text: English Poems of the Nineteenth Century, edited by Bronson (University of Chicago Press). (b) Selections from Robert Bridges, Rupert Brooke, W. H. Davies, Thomas Hardy, Rudyard Kipling, Walter De la Mare, John Masefield, Alice Meynell, Henry Newbolt, Francis Thompson, William Watson, W. B. Yeats. Text: An Anthology of Modern Verse, with an Introduction by Robert Lynd (Methuen & Co.) Fifth Year Arts. Honors. Second Term.

22. Canadian and American Poets. (a) Selections from Sangster, Mair, Isabella Crawford, Drummond, Roberts, Campbell, Carman, Lampman, Scott, Pauline Johnson, Marjorie Pickthall, MacDonald, Pratt. Text: Oxford Book of Canadian Verse (Oxford Press, Toronto). (b) Selections from Bryant, Longfellow, Holmes, Emerson, Whittier, Poe, Lanier, Whitman, Robinson, Frost, Masters, Lindsay, Edna St. Vincent Millay, Amy Lowell, Sandburg. Text: American Poetry, edited by P. H. Boynton, (Scribner's).

Reference: History of American Literature, Long (Ginn & Co.) Fifth Year Arts. Honors. Second Term.

23. Advanced Eighteenth Century Literature (1740-1798).

(a) Poetry—Text: English Poems of the Restoration and Eighteenth Century, edited by Bronson, University of Chicago Press, pp. 175-426. This reading will be supplemented by further assignments in Thomson. Collins. Gray. Chatterton. Cowper. Blake. Burns, Crabbe, Percy's Reliques, to be read in University Library.

(b) Prose—English Critical Essays, Sixteenth to Eighteenth Centuries, (World's Classics), pp. 237-460; Johnson's "Preface to Shakespeare" and Morgann's "The Character of Falstaff" in Shakespeare Criticism (World's Classics); Johnson and Boswell in the Highlands, edited by John Bailey (Nelson); Burke's Reflections on the French Revolution (World's Classics); Richardson's Pamela, vol. I (Everyman), Fielding's Joseph Andrews (Everyman).

Note: The course is designed to continue the work of English 10. The student will review rapidly the main developments of Neo-classicism and make a careful study of the origins of Romanticism under the guidance of the instructor. Fifth Year Arts, Honors, First Term.

24. Advanced Nineteenth Century Prose.

(a) Material for the Study of English Literature, edited by Aydelotte (Oxford);

Carlyle—Sartor Resartus (Everyman's Library); Scottish and Other Miscellanies (Everyman);

Mill—Liberty—(Everyman).

Pater—Selections, edited by Hale (Holt).

(b) The following works, not appearing in suitable editions, are to be read in the University Library:

Huxley—*Evolution and Ethics*;

Morley—*Compromise*.

Note—The student will make some study of nineteenth century thought in England, under the direction of the instructor. Fifth Year Arts. Honors. First Term.

25. Historical English Grammar. The origin and nature of language. Chief language types and families. The place of English in the Indo-European system. History of English inflections, syntax, vocabulary, and phonology. Semantics and lexicography.

Texts: *History of the English Language*, by O. F. Emerson (Macmillan); *Growth and Structure of the English Language*, by Otto Jespersen (Stechert, New York); *Modern English. Its Growth and Present Use*, by G. R. Krapp (Scribner's).

References: *Outlines of the History of the English Language*, by T. N. Toller (Macmillan); *Words and their Ways in English Speech*, by Greenough and Kittredge (Macmillan); *A Short History of English*, by H. C. Wyld (Dutton). Fifth Year Arts. Honors. First Term.

26. Advanced Old English. (a) *Anglo-Saxon Reader*, by J. W. Bright (Holt); Extracts XII, XIII, XVII, XXII, XXIII. (b) *Beowulf*, edited by F. Klaever (Heath), Lines 1-1000. (c) A knowledge of Old English from the following: *Translations from Old English Prose*, by Cook and Tinker (Ginn & Co.); *Old English Poems*, by Faust and Thompson (Scott, Foresman & Co.).

References: *English Literature Before Chaucer*, Part I, by P. G. Thomas (Edward Arnold & Co.); *English Literature from the Beginning to the Norman Conquest*, by Stopford A. Brooke (Macmillan); *An Old English Grammar*, by Sievers-Cook (Ginn & Co.). Fifth Year Arts. Honors. Second Term.

DEPARTMENT OF FRENCH

Eleanor D. Bowes, B.A. Lecturer

French I—Courses 1, 2, 3, 4. (Prerequisite, Matriculation French).

French II—Courses 5, 6, 7, 8. (Prerequisite, French I).

1, 2. **Grammar and Composition.** Text: *Beginners' French Grammar*, Olmsted and Sirich, published by Henry Holt.

First Term: First thirty Lessons, together with proportionate part of a Review of the Complete Verb.

Second Term: Lessons XXXI-LV, together with completion of Verb Review. Dictation.

3, 4. **Authors.** First Term—Prosper Merimee, Colomha, ed. by J. M. Moore, published by Thomas Nelson & Sons. Second Term—The narratives by Maupassant, Daudet, and Gautier contained in *French Short stories*, edited by D. L. Buffum and published by Henry Holt; and Corneille's *Le Cid*, edited by Warren and published by D. C. Heath.

5, 6. **Practice and Composition.** Text: French Composition and Conversation, Olmsted and Barton, published by Henry Holt. First Term: Lessons I-IX inclusive. Second Term: Lessons X-XXI inclusive. The student will use for reference The New Fraser and Squair Complete French Grammar, Part II (Copp, Clark Co.)

7, 8. **Authors.** First Term: Prosper Merimee, *La Chronique du Regne de Charles IX*, edited by A. T. Baker, published by the Clarendon Press, pp. 11-114, and Bossuet, *Oraisons Funebres de Henriette d'Angleterre et de Louis de Bourbon, Prince de Conde*, published by D. C. Heath and edited by F. M. Warren. Second Term: Racine, *Andromaque*, published by D. C. Heath and edited by B. W. Wells; Chateaubriand, *Atala*, published by D. C. Heath, and edited by O. Kuhns; Honore de Balzac, *Le Colonel Chabert*, edited by J. S. Galland, and published by The Century Company.

DEPARTMENT OF GERMAN

Gladys Pettingell, B.A.Lecturer

German IA—Courses 1, 2.

1, 2. **Elementary German.** This course is offered for those entering the University without matriculation credit in German.

First Term: Vos, *Essentials of German*, Revised edition (Holt), Lessons 1-21.

Second Term: *Essentials of German*, completed. Zeydel, *An Elementary German Reader* (Alfred Knopf, New York), completed.

DEPARTMENT OF HISTORY

A. R. M. Lower, M.A., Ph.D.Professor

J. W. Pickersgill, M.A.Lecturer

History I—Courses 1, 2.

History II—Courses 3, 4.

History III—Courses 5, 6. (Prerequisite, History II.)

History IV—Courses 7, 8. (Prerequisite, History III.)

History IV H—Courses 7, 8, 9, 10. (Prerequisite, History III.)

History V—Courses 11, 12, 13, 14. (Prerequisite, History IV H.)

The periods outlined for all courses except those for the First Year are covered by formal lectures supplemented by tutorial work with smaller groups of students. The work of all courses will include the preparation of essays and other work as prescribed by the instructor, and students may be tested from time to time by short class examinations. A knowledge of the relevant historical geography will be expected in all courses, and students are advised to supply themselves with a historical atlas. That by W. R. Shepherd (*Historical Atlas*, Henry Holt, New York) can be recommended.

1. **Ancient History.** Breasted, *Ancient Times*, supplemented by lectures and class work.

2. **Medieval History.** Munro and Sontag, *The Middle Ages* (395-1500) (The Century Company, New York, 1928), supplemented by lectures and class-work.

3, 4. **Modern European History.** The examination for the First Term will be based upon the following syllabus: The general character of the Renaissance, the growth of the French national monarchy, the house of Burgundy, the Papacy and the "Conciliar Movement," the 15th century in Germany, Spain and Italy, the wars in Italy, 1494-1515, the struggle between Valois and Hapsburg, 1521-1559, the rise of the Turkish Empire, the Reformation in Germany, Scandinavia, Poland, Switzerland, France and England, the Counter-Reformation, the rebellion in the Netherlands, the religious wars in France, and the Thirty Years' War. For the Second Term the examination will be based upon: The general characteristics of the "ancien regime," the reorganization of France under Henry IV, Richelieu, Maraziti, and Louis XIV, French foreign policy, 1661-1697, the Spanish Succession, the relations of Denmark, Sweden, Russia, Poland and Brandenburg, 1648-1721, the revival and decay of Turkey, 1656-1739, the Polish and Austrian Successions, the Diplomatic Revolution, the Seven Years' War, the partitions of Poland, the French Revolution, Napoleon, the Congress of Vienna and the Concert of Europe, Greek Independence and Mehemet Ali, France from the Restoration to the Third Republic, the unification of Germany and Italy, the Eastern Question and the Congress of Berlin, the industrial and overseas expansion of the leading European powers, the growth of the system of alliances and of the "armed camp," the Great War and reconstruction of Europe.

The textbooks for the course are: (1) A. H. Johnston's *Europe in the Sixteenth Century* (London, Rivington); (2) Sir Richard Lodge's *Modern Europe, 1453-1878* (London, John Murray); and (3) Sir J. A. R. Marriott's *Europe and Beyond, 1870-1920* (London, Methuen), and students will be examined upon these as well as upon the class lectures. References will be supplied from time to time to a wider range of reading, and students aiming at high standing in the degree examinations will be expected to show evidence of such wider reading. Four hours per week.

5. **British History, Medieval.** A survey of the political and constitutional development of Britain from the beginnings until 1485. The course will include the following topics: Prehistoric Britain, the Roman period, the settlement of the Anglo-Saxons, the spread of Christianity, the Danish invasions, the institutions of the later Anglo-Saxon period, the Norman Conquest, the administrative and judicial reforms of the Norman and early Angevin kings, Magna Carta, the differentiation of the Curia Regis, the evolution of Parliament, the relations of England with Scotland and France, and the late medieval struggle between bureaucracy and oligarchy.

Students will be expected to provide themselves with (1) W. E. Lunt's *History of England* (New York, Harper and Brothers), and (2) G. B. Adams' *Constitutional History of England* (London, Jonathan Cape), and they will be liable to be examined upon the contents of these as well as upon the class lectures.

Note—J. R. Green's *Short History of the English People* is not a suitable book for any of the purposes of this course.

A consideration of certain of the more important constitutional documents will form an integral part of the work of the course, and a question upon these documents will be compulsory upon all but extra-mural students. For the present these documents will be studied in the multigraphed collection prepared by Assistant-Professor Marshall, obtainable from the University Book Department.

Students aiming at high standing in the degree examination will further be expected to show evidence of independent reading, and are recommended to make themselves familiar with some of the following works: T. Rice Holmes, *Ancient Britain*; C. O'Rahilly, *Ireland and Wales*; F. Haverfield, *The Romanization of Roman Britain*; R. G. Collingwood, *Roman Britain*; E. T. Leeds, *The Archaeology of the Anglo-Saxon Settlements*; Sir C. W. C. Oman, *England before the Conquest*; F. M. Stenton, *The Danes in England*; H. M. Chadwick, *Anglo-Saxon Institutions*; E. Lipson, *The Economic History of England*; vol. I; Sir Frederick Pollock, Bart., and F. W. Maitland, *History of English Law*; H. W. C. Davis, *England Under the Normans and Angevins*; R. L. Poole, *The Exchequer in the Twelfth Century*; W. S. MacKechnie, *Magna Carta*; D. Pasquet, *The Origins of the House of Commons*; A. F. Pollard, *The Evolution of Parliament*; J. F. Baldwin, *The King's Council in the Middle Ages*; T. F. Tout, *Some Conflicting Tendencies in English Administrative History in the Fourteenth Century*; Sir W. S. Holdsworth, *History of English Law*, vol. I, and chapters on England in the *Cambridge Medieval History*. Three lectures and one period for document study per week.

6. British History, Modern. The main emphasis in the course will be placed upon the following topics: The Tudor monarchy and conciliar government, the growth of Protestantism and its effect upon the relations of Church and State, the struggle for sovereignty between Crown and Parliament, the constitutional outcome of the Revolution and Hanoverian Succession, and the development of cabinet and parliamentary government.

Textbooks recommended: (1) For general history, W. E. Lunt, *History of England*; (2) For constitutional history, G. B. Adams, *Constitutional History of England*.

Students are strongly advised to base their course upon the following reading: Stubbs, *Lectures Upon Modern and Medieval History*; Pollard, *Henry VIII*; Prothero, *Statutes and Constitutional Documents, 1559-1625*; Feiling, *History of the Tory Party*; Gooch, *Growth of Democratic Ideas in the Seventeenth Century*; Gardiner, *Cromwell's Place in History*; G. M. Trevelyan, *England Under the Stuarts*; Airy, *Charles II*; Morgan, *Political Leaders and Parties Under Anne*; Grant Robertson, *England Under the Hanoverians*; Mervyn Davies, *George III and the Constitution*. More specialized reading will be suggested as the course proceeds. Three lectures and one seminar per week.

7. European History since 1789. The main emphasis in the course will be placed on the period after 1815. The period 1789-

1815 will be studied only in such a manner as to provide an introduction to the later period. Students are therefore required to have read Rose, *The Revolutionary and Napoleonic Era*.

The following reading may be taken as indicative of the lines which the course will follow:

(1) The attempt at the international organization of peace 1815 to 1848; Webster, *Congress of Vienna*; Alison Philips, *Confederation of Europe*; Cambridge History of British Foreign Policy.

(2) Germany. Treitschke, *History of Germany* (introduction by W. H. Dawson); Grant Robertson, *Bismark*; Bismark, *Reflections and Reminiscences*; Ward, *Germany*; Sorel, *Histoire Diplomatique de la guerre franco-allemande*.

(3) Italy. Bolton King, *History of Italian Unity*; Trevelyan, *Manin and the Venetian Republic*, Garibaldi and the Making of Italy; Paleologue, *Cavour*.

(4) The Near East. Cambridge History of British Foreign Policy; Marriott, *Eastern Question*; Hall, *England and the Orleans Monarchy*.

(5) France. Lucas-Dubreton, *La Restauration et la Monarchie de juillet*; Lowes-Dickenson, *Revolution and Reaction in Modern France*; Simpson, L. *Napoleon and the Recovery of France*.

More specialized reading will be suggested as the course proceeds.

8. Canadian Self-Government. A brief survey of Canadian development from the "royal province" of the pre-revolutionary Empire to the completion of the Canadian Confederation. The following series of themes will serve to indicate the scope of the course:

The Old Colonial System, French Paternalism in New France, Nova Scotia and Quebec before the Revolution, The Quebec Act, The Constitutional Act, the Opening of the West, Reaction and Reform in the Canadas, Durham's Report, Responsible Government in Nova Scotia and Canada, Confederation, Manitoba and the Hudson's Bay Transfer of 1870, Completion of the Dominion, The Growth of Nationhood.

The following source-books will be used for references: Shortt and Doughty, *Constitutional Documents, 1759-1791*; Doughty and McArthur, *Documents, 1791-1818*; Egerton and Grant, *Canadian Constitutional Development*; Oliver, *The Canadian North-West*; Durham Papers (Calendar, Canadian Archives, 1923); Durham's Report (ed. Lucas); Pope's *Confederation Documents*; *Confederation Debates*; Kennedy's *Documents of the Canadian Constitution, 1759-1915*. References will be supplied from time to time to a wider range of reading for the regular essay work of the course. The following will be found useful: *Canada and Its Provinces*, 23 vols.; *The Chronicles of Canada*; *The Makers of Canada*; Beer's *Colonial Policy, 1756-1765*; Chester Martin, *Empire and Commonwealth*; Kennedy, *The Canadian Constitution*; Keith's *Responsible Government in the Dominions*; Bradshaw's *Self-Government in Canada*; Morison, *British Supremacy and Canadian Self-Government*; *Speeches and*

Public Letters of Joseph Howe (Ed. Chisholm); Skelton's Galt; Pope's Letters of Macdonald; Trotter's Canadian Federation. New, Life of Durham; W. B. Munro, American Influences on Canadian Government; Hugh W. Keenleyside, Canada and the United States, etc. Three lectures and one essay period per week.

9, 10. **Anglo-Saxon Expansion up to the Present.** This course will aim at tracing the growth and development of the British Commonwealth of Nations, with attention in the first term to that of the United States.

During the First Term students will examine the beginnings of emigration and settlement, colonial government, the American Revolution, the constitution of the United States, its westward expansion, the Monroe Doctrine, American Imperialism, relations of the United States with the British Empire.

Students are required to read one of the following books: (1) R. V. Harlow, *The Growth of the United States* (New York, Henry Holt), or (2) W. M. West, *American Democracy* (Boston, 1922), and will be examined upon the material contained in it as well as on the lectures and their other readings.

The following books are also to be consulted: Channing, *History of the United States*, American Nation Series; Semple, *American History and Its Geographical Conditions*; Morrison, *Oxford History of the United States*, and *Sources and Documents Illustrating the American Revolution*; Bryce, *American Commonwealth*; Dunning, *The British Empire and the United States*; Fish, *American Diplomacy*; Paxon, *Recent History of the United States*; T. C. Smith, *Wars Between England and America*; Thomas, *One Hundred Years of the Monroe Doctrine*; Latane, *From Isolation to Leadership*; Keenleyside, *Canada and the United States*; F. J. Turner, *The Frontier in American History*; J. T. Adams, *The Founding of New England*; C. E. Merriam, *American Political Theories*.

During the second term students will study the new conditions of the British Empire after 1783, the history of British India, of Australia, of New Zealand, of South Africa, of Ireland, with brief glances at Egypt and the tropical dependencies, the factors in each country working for self-government and the beginnings of nationhood, British colonial policy, political and economic changes in the United Kingdom in so far as they affect the Empire, repercussion of colonial affairs upon the United Kingdom, and the present constitution of the British Commonwealth of Nations.

Students are required to read the following books, and will be examined upon the material contained in them as well as upon the lectures and their general reading: (1) W. E. Lunt, *History of England* (New York, Harper and Bros.); (2) P. E. Roberts, *A History of British India* (Oxford, Clarendon Press); (3) two volumes of *A Historical Geography of the British Dominions*, edited by Sir Charles Lucas (Oxford, Clarendon Press), namely, vol. IV, part I, *South Africa* (Lucas), vol. VI, *Australasia* (Rogers and Kershaw).

In the course of the term's work they are referred to many other books, some of the most useful of which are: Bell and

Morrell, Select Documents on British Colonial Policy; Egerton, Short History of British Colonial Policy, British Colonial Policy in the Twentieth Century, Origin and Growth of the British Colonies; Currey, British Colonial Policy; Boddelsen, Studies in Mid-Victorian Imperialism; A. E. Zimmern, The Third British Empire; W. B. Hall, From Empire to Commonwealth; Lucas, Partition of Africa; Rulers of India series, Chirol, India Old and New, Indian Unrest, India; Walker, History of South Africa; O'Connor, History of Ireland, 1789-1924; Wakefield, Art of Colonization; Molesworth, Speeches; Waters, Social and Economic History of England; Knaplund, Gladstone and Britain's Imperial Policy; W. P. Reeves, The Long, White Cloud; Cromer, Modern Egypt; Keith, Imperial Unity, and Responsible Government in the Dominions; Round Table.

General histories of the period for the purpose of reference: Lecky, Walpole, Halevy, Paul.

11, 12. **The French Revolution.** A general approach may be made through the following: Acton, Lectures on the French Revolution; Aulard, Christianity and the French Revolution; Aulard, La Revolution et le Regime Feodal; Madelin, The French Revolution; Madelin, Danton; de Tocqueville, The Ancien Regime and the French Revolution; Willert, Mirabeau.

Texts: Morse Stephens, Orators of the French Revolution; Moleville, Memoirs particuliers, Wickham Legg, Select Documents of the French Revolution, Correspondance entre le Comte de Mirabeau et le Comte de la Marck.

Special reading will be recommended as the course proceeds.

13, 14. **Canadian Special Course.** Details of this course will be arranged at the beginning of the session 1930-31.

DEPARTMENT OF POLITICAL ECONOMY AND POLITICAL SCIENCE

Louis W. Moffit, B.A., Ph.D. Professor

Political Economy II—Courses 1, 2.

Political Economy III—Courses 3, 4.

Political Economy IV—Courses 5, 6. (Prerequisite, Political Economy III.)

Political Economy IV H—Courses 5, 6; 11, 12. (Prerequisite, Political Economy III.)

Political Economy V—Courses 11, 12; 17, 18. (Prerequisite, Political Economy IVH.)

1, 2. **Economics.** A half-subject elementary course on the Production and Distribution of Wealth, as in Henry Clay's "Economics for the General Reader." First Term: Chapters 1 to 6. Second Term: Chapters 7, 8, 9, 12, 13 and 21 to 25 inclusive. Two hours a week.

Note: This half-subject course is not necessary as a preliminary to the other courses in Political Economy.

3, 4. **Political Economy.** A survey of the leading principles of Political Economy, together with the chief landmarks in the

history of Economic Theory. A more intensive study of Wages, Profits, Rent, Value, Money, Banking and the Foreign Exchanges. The student is expected to read the following, together with the relevant parts of other works that may be referred to, in supplement of the lectures.

First Term: Nicholson, "Elements of Political Economy," Intro. and Book I; Book II, Chapters 1 to 4; Book III, Chapters 1 and 5. Mill, "Principles of Political Economy," Prelim. Remarks and Book I; Book II, Chapters 1 to 4; Book III, Chapters 1 and 7. Beckhart, "The Banking System of Canada," pp. 289 to 357. L. L. Price, "Political Economy in England," Chapters 1, 2, 5, 8.

Second Term: Nicholson, Book II, Chapters 6 to 10; Book III, Chapters 2 to 4, 6 to 12, 14. Mill, Book II, Chapters 11 to 16; Book III, Chapters 2 to 6, 8 to 16, 20, 22 to 24, 26. Beckhart, pp. 357 to end. Price, Chapters 3, 4, 6, 7. Four hours a week.

5, 6. **Government, Trade and Taxation.** A study of the Economic Functions of Government, Foreign Trade Policy and the Principles of Taxation and Public Expenditure. First Term: Adam Smith, "Wealth of Nations," Book II, Chapter 5; Book III, Chapter 1; Book IV, Chapters 1, 2; Book V, Chapter 1. Mill, "Principles of Political Economy," Book III, Chapter 17; Book V, Chapters 1, 8 to 11. Nicholson, "Principles of Political Economy," Vol. III, Book V, Chapters 1 to 4, 14, 19. Bastable, "Theory of International Trade," Chapters 1, 8, 9; and "Commerce of Nations," Chapters 1 to 4, 12 to 15. Second Term: Adam Smith, Book IV, Chapters 3 to 8; Book V, Chapter 2. Mill, Book III, Chapters 18, 19, 21, 25; Book V, Chapters 2 to 6. Nicholson, Vol. III, Book V, Chapters 5 to 13, 15 to 18. Bastable, "Theory," Chapters 2 to 7, 10 and Appendices; "Commerce of Nations," Chapters 5 to 11, 16 to 18. Seligman "Essays in Taxation."

Reference will also be made to special parts of Marshall's "Money, Credit and Commerce;" Stamp's "Principles of Taxation," and "Wealth and Taxable Capacity;" Seligman's "Shifting and Incidence of Taxation;" and to the works on Public Finance by Bastable, Adams, Lutz, Plehn, Shirras and Pigou. Four hours a week.

7, 8. **Economic Theory.** A discussion of some of the more difficult problems in Economic Theory, together with the application of Economic Principles to the more important present-day Economic Problems. First Term: Keynes, "Scope and Method of Political Economy," Chapters I to V, with Notes; Marshall, "Principles of Economics," Book III; Book V, Chapters 1 to 9; Taussig, "Principles of Economics," Vol. I. Second Term: Keynes, Chapters VI to X, with Notes; Marshall, Book V, Chapters 10 to 15; Book VI; Appendices G to L; Taussig, Vol. II. Four hours a week. (Not given in 1930-31.)

9, 10. **History of Economic Theory.** A study of the more important contributions to the historical development of Economic Theory. First Term: Haney, "History of Economic Thought," Chapters 1 to 14, Gide and Rist, "History of Economic Doctrines," Books I and II, and Book III, Chapter 1. Second Term: Haney, Chapters 15 to 33. Gide and Rist, Book III, Chapter 2, and

Books IV and V. For reference: Ingram, "History of Political Economy;" Higgs, "The Physiocrats;" Bonar, "Philosophy and Political Economy;" Cannan, "History of the Theories of Production and Distribution." Monroe, "Monetary Theory before Adam Smith," and "Early Economic Thought." Four hours a week. (Not given in 1930-31.)

11, 12. **Banking and Finance.** A study of the leading banking and credit systems, and of the operation of the foreign exchanges and the stock and produce exchanges.

The student will be expected to read in supplement of the lectures: Willis and Edwards, "Banking and Business;" R. B. Westerfield, "Banking Principles and Practice;" W. R. Burgess, "The Reserve Banks and the Money Market;" Goldenweiser, "The Federal Reserve System in Operation;" Pratt, "The Work of Wall Street;" Spalding, "The London Money-Market;" Patterson and Jenks, "International Exchange;" Atwood, "The Stock and Produce Exchanges." For Reference: Kish and Elkin, "Central Banks;" Willis, "The Federal Reserve System;" Kemmerer, "The A B C of the Federal Reserve System;" Withers, "The Meaning of Money" and "International Finance;" Conant, "Principles of Money and Banking;" Dunbar, "Theory and History of Banking;" Moulton, "Money and Banking;" Phillips, "Bank Credit;" Sprague, "Bank Credit and Business Cycles;" Furniss, "Foreign Exchange;" Escher, *Foreign Exchange Explained*." Four hours a week.

13, 14. **Public Finance and Financial Administration.** A further study of Public Revenue, Public Expenditure and Public Credit, and of the principles governing the Administration of National Finance, as in Shirras: "The Science of Public Finance"; Pigou: "Public Finance;" Lutz: "Public Finance;" Seligman: "Studies in Public Finance;" E. Hilton Young: "The System of National Finance." Throughout the course, reference will also be given to selected parts of Bastable, "Public Finance;" Adams, "Science of Finance;" Plehn, "Public Finance;" Seligman, "Essays in Taxation;" Higgs, "Financial System of the United Kingdom;" Willoughby, Willoughby and Lindsay, "Financial Administration of Great Britain"; and Stourm, "The Budget." Four hours a week. (Not given in 1930-31.)

15, 16. **Economic History—Mediaeval.** A study of the Economic History of England to the end of the Middle Ages. Cunningham, "Growth of English Industry and Commerce," Vol. I ("Early and Middle Ages"); Lipson, "Economic History of England—The Middle Ages." Knight's Economic History of Europe to the end of the Middle Ages." For reference: Ashley, Introduction to Economic History and Theory," and "Surveys, Historic and Economic;" Seebohm, "English Village Community;" Maitland, "Domesday Book and Beyond," and "Township and Borough;" Vinogradoff, "Villainage in England," "The Growth of the Manor," and "English Society in the Eleventh Century;" Gross, "The Gild Merchant;" Unwin, "Gilds and Companies of London;" Hall, Antiquities of the Exchequer," and "History of the Customs Revenue;" Salzmann, "English Industries in the Middle Ages;" Bland, Brown and Tawney, "English Economic

History—Select Documents." Four hours a week. (Not given in 1930-31.)

17, 18. **Political Science.** A critical study of Political Theories in their relation to actual political development, and a survey of Comparative Politics. The Nature and Origin of the State; Forms of Government; The Sphere of the State; Principles, Methods and Limitations of Governmental Interference; The Organization of Government; Distribution of Powers.

For reading in supplement of the lectures, students will be referred to: Pollock, "History of the Science of Politics;" I. J. C. Brown, "English Political Theory;" Hobbes, "Leviathan," Part I, chapters 13-15, Part II; Locke, "Civil Government," Book II; Laski, "Political Thought from Locke to Bentham"; Rousseau, "Contrat Social" (Eng. Trans.); Mill, "On Liberty"; Hobhouse, "Liberalism"; MacIver, "The Modern State"; E. Jenks, "The State and the Nation," and to the relevant parts of Maine, "Early History of Institutions"; Sidgwick, "Elements of Politics" and "Development of European Polity"; Mill, "Representative Government"; Bagehot, "English Constitution"; Lowell, "The Government of England" and "Governments and Parties in Continental Europe"; Bryce, "The American Commonwealth," "Studies in History and Jurisprudence" and "Modern Democracies"; Keith, "Responsible Government in the Dominions" and Imperial Unity and the Dominions." Four hours a week.

DEPARTMENT OF MATHEMATICS

O. T. Anderson, M.A., B.Sc. Professor

Mathematics I—Courses 1, 3 (one paper); 2, 4 (one paper).
(Prerequisite, Matriculation Mathematics).

Mathematics IA—Courses 5, 6. (May be taken with Drawing I).

Mathematics II—Courses 7, 8, 9, 10. (Prerequisite, Mathematics I).

Mathematics IIA—Courses 5, 6.

Architecture I—Courses, 1, 2, 3, 4, 5, 6.

*1, 2. **Algebra.** Text: An Intermediate Algebra by Wilson and Warren, (Oxford University Press).

First Term—Chapter I, Part A, (a review of Parts B and C is recommended), Chapters III, IV, XI (secs. 90, 91, 98). Two hours per week.

Second Term—Chapters V (omitting sec. 51), VI, VII (omitting sec. 73), VIII, IX. Two hours per week.

3, 4. **Analytic Geometry.** Text: Analytic Geometry by Crawley and Evans (University of Pennsylvania, Philadelphia).

First Term—Chapters I, II, III (omitting secs. 26, 29, 32, 37, 38). Two hours per week.

Second Term—Chapters IV, V (omitting secs. 60 and 61). Two hours per week.

*Students preparing for Engineering or the special courses in Mathematics are advised to procure the complete edition of this text book.

5, 6. **Plane Trigonometry.** Text: Practical Trigonometry by Playne and Fawdry (The Copp, Clark Company).

First Term—Chapters I to V, inclusive. Two hours per week.

Second Term—Chapters VI to IX, inclusive. Two hours per week.

Students are required to become familiar with the use of tables in the solution of problems, and Logarithmic and Trigonometric Tables by Wentworth and Hill (Ginn & Company) are recommended.

7, 8. **Analytic Geometry.** Text: Analytic Geometry by Crawley and Evans (University of Pennsylvania, Philadelphia).

First Term—Chapter V, secs. 60 and 61, Chapters VI and VII. Two hours per week.

Second Term—Chapters VIII, IX, X, and XII. Two hours per week.

9, 10. **Calculus.** Text: Calculus for Beginners, by W. M. Baker (G. Bell and Sons, London.)

First Term—To page 54. Two hours per week.

Second Term—Pages 55 to 105, inclusive. Two hours per week.

DEPARTMENT OF PHYSICS

Raymond L. Betts, B.Sc. Lecturer

Physics I—Courses 1, 2; 3, 4.

Students intending to enter courses in Physics in the Senior Honors Division in Science are advised to consult page 32, University Calendar, for guidance as to choice of subjects in the Junior Division and in the First Year of the Senior Division.

†1, 2. **General Physics.** An introductory lecture course, illustrated by experiments, covering, in the first term, Mechanics, Hydrostatics and Heat, and, in the second term, Magnetism, Electricity, Radioactivity, Sound and Light. Text book: "New Practical Physics," by Black and Davis.

3, 4. **General Physics (Practical).** A laboratory course to accompany lecture courses 1, 2. It is intended that students shall acquire facility in the use of physical apparatus, in making records and in computing results from the data obtained. A special laboratory note-book must be kept by each student and must contain complete details of all experimental work. The note-book will be examined in giving credit for the course. One practical period of three hours per week.

DEPARTMENT OF CHEMISTRY

Raymond L. Betts, B.Sc. Lecturer

Chemistry I—Courses 1, 2, 3, 4. (Prerequisite in 1931-32, and thereafter Grade XI Chemistry.)

†A knowledge of Trigonometry is highly desirable in the study of Elementary Physics. Students may obtain this in Mathematics IA or Mathematics IIA.

Students intending to enter courses in Chemistry in the Senior Honors Division in Science are advised to consult page 32, University Calendar, for guidance as to choice of subjects in the Junior Division and in the First Year of the Senior Division.

1, 2. **Elementary Inorganic Chemistry.** Fundamental principles of chemistry; elements and compounds; laws of combination; atoms and molecules; acids, bases, salts; properties of some common elements and their more important compounds. The subject is treated in an elementary way. Text-book recommended, McPherson and Henderson's, *An Elementary Study of Chemistry*. Two hours per week lectures, and one hour tutorial.

3, 4. **Practical Chemistry.** Experiments illustrating general principles and the preparation and properties of substances studied in course 1, 2. One period of three hours per week.

Instruction in the following courses is provided only in the University. All Wesley College students electing these courses will attend the University classes.

BOTANY

Botany IIM—Courses 1, 2; 3, 4.

Botany II—Courses 1, 2; 3a, 4a.

Students intending to enter courses in Botany in the Senior Honors Division in Science are advised to consult page 32, University Calendar, for guidance as to choice of subjects in the Junior Division and in the First Year of the Senior Division.

1, 2. **General Botany.** An introductory lecture course covering, among other topics, the following: Classification of objects; comparison of living and non-living matter; the differences between animals and plants. The structure of the seed and contents of its cells; the seeds of the pea, bean, castor oil plant, and date palm; the grains of wheat and corn; the conditions for germination, and the phenomena accompanying it; the exhaustion of the reserve food-stuffs. The seedling: its structure, mode of development and relations with external conditions; the theory of irritability; geotropism, heliotropism and hydrotropism; the further development of shoot and root. The general morphology of the plant body, and the principal modifications of the stem, leaf and root; buds, grass-haulms, stolons, runners, rhizomes, corms, tubers, bulbs, spines and thorns, tendrils, cladodes, phyllodes, compound leaves, etc.; the growing point of stems; the origin of new leaves and buds. The cell and the cell theory; protoplasm as the physical basis of life; protoplasmic movement; turgidity; the structure and division of the nucleus; the origin of new cells by cell division. The internal morphology of the stem of monocotyledons and dicotyledons; the functions of vascular bundles; the cambium and the secondary thickening of stems and roots; the secondary protective tissues, cork and

bark. The leaf as an organ for carrying on the process of photosynthesis; the epidermis, including hairs and stomata, vascular bundles, mesophyll, and intercellular spaces; photosynthesis (carbon assimilation); the nature and function of chlorophyll corpuscles and of chlorophyll; the evacuation of the products of photosynthesis and their ultimate fate. The root: its root-tip, root hairs, and mode of branching; the growing point. Climbing plants; stem-climbers and tendril climbers; the physiology of climbing; lateral geotropism, reactions to the stimulus of contact. The elementary facts in the nutrition of the plant; the nature and sources of the raw food materials; the necessary chemical elements and their mode of absorption; water cultures; the constitution of the soil; the transpiration current; transpiration; photosynthesis; the products of metabolism, together with their distribution, storage, and utilization; respiration contrasted with photosynthesis. Carnivorous plants; *Drosera*, *Utricularia*, *Sarracenia*, *Dionaea* and *Nepenthes*. The classification of plants, including the main sub-divisions of the vegetable kingdom: the morphology and physiology of the following *Thallophyta*: *Protococcus* (*Pleurococcus*), *Saccharomyces* (yeast), *Bacteria*, *Spirogyra*, *Fucus*, *Mucor*, *Penicillium*, *Psalliota campestris* (mushroom). Alcoholic fermentation; *Bacteria* as the cause of nitrogen fixation, of fermentative processes, of putrefaction, and of disease. The *Bryophyta*, illustrated by a moss plant; the *Pteridophyta*, illustrated by a fern plant; alternation of generations. Reproduction in the *Phanerogamia*; the flower and its chief modifications in structural plan; the minute structure of the pollen grain and of the ovule; Pollination and its agents; floral mechanisms as illustrated by the Lady Slipper Orchid, *Primula*, *Salvia*, etc. Fertilization of the ovule; development of seeds and fruits; the plum, strawberry, orange, cocoanut, etc.; dispersion of seeds and fruits; the nature of pine cones, both male and female. Two hours a week.

3, 4. Laboratory Course in General Botany. This course is designed to accompany course 1, 2. One practical period of two hours per week.

3a, 4a. Laboratory Course in General Botany. This course for students in Arts is designed to accompany courses 1, 2. One practical period of two hours fortnightly.

ZOOLOGY

Zoology II—Courses 1, 2.

Zoology IIM—Courses 3, 4.

Students intending to enter courses in Zoology in the Senior Honors Division in Science are advised to consult page 32, University Calendar, for guidance as to choice of subjects in the Junior Division and in the First Year of the Senior Division.

1, 2. Animal Biology. The principles of Animal Biology; the morphology and physiology of a series of unicellular and multicellular animals; the elements of animal ecology and classification. Arranged for Second Year Students in Arts and Science. Text-books: Haupt, Fundamentals of Biology, and Sigerfoos, Labora-

tory Directions in General Zoology. Two lectures per week and three laboratory hours per fortnight throughout the session.

3, 4. **General Zoology.** The comparative morphology and physiology of a series of animal types; the elements of animal cytology, histology and embryology; the principles of heredity; the elements of medical zoology. Arranged for Pre-Medical Students and Honours Science Students. Textbook: O'Donoghue, Introduction to Zoology, or Borradaile, Elementary Zoology. Three lectures and five laboratory hours per week throughout the session.

GEOLOGY

Geology II—Courses 1, 2, 3, 4. (Prerequisite: Grade XII Chemistry or Chemistry I).

Students intending to enter courses in Geology in the Senior Honors Division in Science are advised to consult page 32, University Calendar, for guidance as to choice of subjects in the Junior Division and in the First Year of the Senior Division.

1, 2. **General Geology.** The materials of the earth. Geological agents and structures. Ore deposits. Fossils and their meaning. Origin and age of the earth. Historical geology. Evolution of plant and animal life. Coleman and Parks' Elementary Geology. Two hours a week.

3, 4. **Practical Demonstrations.** On minerals, rocks and fossils. Study of topographical and geological charts and maps. One hour a week.

DRAWING

Mechanical Drawing I—Courses 1, 2. (Available only with Mathematics IA.)

Architectural Drawing I—Courses 3, 4. (Available only with Mathematics IA).

1, 2. **Mechanical Drawing.** Use of instruments; geometrical problems; elementary principles of orthographic, oblique and axonometric projections; the application of such principles to the solution of problems relating to straight lines and planes; intersections and developments; plans, elevations and sections of solids; simple structural details and machine parts; bolts, screws, keys and rivets; elements of perspective as used in sketching; sketches and working drawings of machine pieces, isometric drawing, lettering, shade lines and line shading. Lectures, one hour per week, practical work, 3 hours per week, both terms. Text book: "Engineering Drawing," by T. E. French.

3, 4. **Architectural Drawing.** A year of lectures and drawing in Elements of Architecture, one term of lectures and drawing in Shades and Shadows, and one term of lectures and drawing in Perspective.

Elements of Architecture. A study of the elements of buildings derived from classic precedent, including the Greek and

Roman orders; architectural lettering; the principles and methods of architectural drawing and rendering in wash, illustrated by problems in the orders and elementary composition. Esquie, *Five Orders of Architecture*.

Shades and Shadows: Planned to give the fundamental knowledge necessary for casting the conventional shadows employed in architectural design. Given by means of drawing-room work in the nature of test exercises based on lectures and textbook preparation. Gardner, *Notes on Shades and Shadows*.

Perspective: The fundamental phenomena of appearance, the general theory of conical projection and its application to perspective, the method of revolved plan upon which all shorter methods are based, curves, and apparent distortion. The subject is continued with the study of direct division, direct measurement, relations between lines and points in the vanishing-point diagram, the cubic system, method of perspective plan and shadows. Also given by means of drawing-room exercises in the nature of text-exercises based on lectures and textbook preparation. Lawrence, *Principles of Architectural Perspective*.

DEPARTMENT OF PHILOSOPHY AND PSYCHOLOGY

Rev. J. Elliott, B.A., D.D., Ph.D. Professor
A. R. Cragg, M.A., B.D. Lecturer

Philosophy II—Course 1, 2. Also course 3a, 4a, or 3b, 4b, which are not offered in the University but may be offered in the affiliated colleges.

Philosophy III—Course 7, 8, combined with either 5, 6, or 9, 10. (N.B., Course 1, 2 is a prerequisite for courses 7, 8.)

Philosophy IV—Either 11, 12, or 13, 14, 15, 16.

1, 2. **Introductory Psychology** (prerequisite for Courses 7-10). Woodworth's *Psychology*. New Edition. First Term: to p. 242. Second Term: remaining chapters. Two hours a week.

3a, 4a. **Ethics**. Wright's *Self-Realization*. First Term: Part I and Part II to end of Chap. V. Second Term: From Part II, Chap. VI to end of book. Two hours a week.

3b, 4b. **Logic**. Lodge's *Introduction to Modern Logic*. First Term: Parts I and II to the end of chapter XV. Second Term: chapter XVI to the end of Part III. Two hours a week.

5, 6. **History of Philosophy**. (Ancient). First Term: Bakewell, *Sourcebook in Ancient Philosophy*, pages 1 to 179; Plato, *Republic*, Books I-IV; Rogers, *Student's History of Philosophy*, pages 1 to 101. Second Term: Plato, *Republic*, Books V-VII and X (omitting VIII-IX); Aristotle, *Ethics*, omitting Books VIII-IX; Bakewell, *Sourcebook*, pages 217 to 393; Rogers *Student's History*, pages 101 to 184. Two hours a week.

7, 8. **Social Psychology**. First Term: M. Ginsberg's *Psycho-*

logy of Society. Second Term: Wright's Moral Standards of Democracy. Two hours a week.

9, 10. **Psychology, Practical and Applied.** (Not open to Extra-Mural Students). Perrin and Klein, Psychology. Two hours a week.

11, 12. **History of Philosophy.** (Medieval and Modern, down to the end of Kant). Selections from St. Augustine, St. Thomas Aquinas, and Abelard (as contained in Rand's Classical Moralists); Rand, Modern Classical Philosophers; Rogers, Student's History of Philosophy. First Term: to end of Leibnitz. Second Term: Locke to Kant, inclusive. Four hours a week.

13, 14. **Moral and Religious Values.** First Term: Hobhouse's The Rational Good. Second Term: Wright's Faith Justified by Progress, and The Religious Response. Two hours a week.

15, 16. **Problems of Philosophy.** Patrick, Introduction to Philosophy. Two hours a week.

BIBLICAL GREEK

Rev. Geo. B. King, M.A., B.D., Ph.D. Professor

Biblical Greek IA—Courses 1, 2.

Biblical Greek IIA—Courses 3, 4. (Prerequisite, Biblical Greek IA)

Biblical Greek IIIA—Courses 5, 6. (Prerequisite, Biblical Greek IIA).

Biblical Greek IVA—Courses 7, 8. (Prerequisite, Biblical Greek IIIA.)

Section 1

1, 2. Moulton's First Greek Reader in New Testament Greek will be covered, together with the corresponding sections of Moulton's Introduction to New Testament Greek. First Term: Exercises 1-27. Second Term: Exercises 28-50, with a reading of the Gospel According to St. John, Chaps. I-III. Four hours a week.

3, 4. The Acts of the Apostles, with Nunn's Greek Syntax and sentences in Greek Composition. First term: Part 1. Sentences covering the syntax of the use of participles, the methods of expressing indirect statements, indirect questions, purpose, result and cause, with exercises in composition based on the prescribed reading. Equivalent to one-third of the paper. Part 2. The Acts of the Apostles, Chaps. I-XII. Equivalent to two-thirds of the paper. Second term: Part 1. Sentences covering the syntax of temporal, concessive, comparative and conditional clauses, use of negatives and of the Aorist tense in dependent clauses, with exercises in composition based on the prescribed reading. Equivalent to one-third of the paper. Part 2. The Acts of the Apostles, Chaps. XIII-XXIV. Equivalent to two-thirds of the paper. Four hours a week.

5. (a) The Gospel According to St. Mark and the following selections from the Gospel According to St. Matthew (Chapters I-II, V-VII, X, XIII, XVIII, XXII, XXV, XXVIII), and from the

Gospel According to St. Luke (Chapters I-II, IV, VI, X-XII, XIV-XVI, XIX, XXIV), (b) The History of the Intertestamental and New Testament Periods (to the close of the reign of Herod the Great); a survey of the Apocalyptic movement and literature; and a survey of the Synoptic Problem. Lectures or C. M. Grant, *Between the Testaments*, Part I; article by H. T. Andrews, "Apocalyptic Literature," in Peake's *Commentary on the Bible*; and article by F. D. V. Narborough, "The Synoptic Problem," in Gore, *A New Commentary on Holy Scripture*. Four hours a week.

6. (a) The Epistle to the Romans (Chapters I-XI; the First Epistle to the Corinthians; and the Wisdom of Solomon (Chapters I-VIII), with a study of the Introduction in Gregg's commentary in *The Cambridge Bible for Schools and Colleges*. (b) A Study of Hellenistic Judaism; a survey of the books of the Apocrypha; and a study of the textual criticism of the Bible. Lectures or W. W. Tarn, *Hellenistic Civilization*, Chaps. III-VI, X; C. M. Grant, *Between the Testaments*, Chaps. XIII and XIV; and articles by L. E. Binns, "Texts and Versions (Old Testament)" and C. H. Turner, "The Textual Criticism of the New Testament" in Gore's *Commentary*. Four hours a week.

7. (a) The Epistle to the Philippians; the Epistle to Philemon; the Epistle to the Hebrews; the Second and Third Epistles of St. John; I Maccabees (Chapters I-IX), with a study of the Introduction in Fairweather and Black's commentary in the *Cambridge Bible for Schools and Colleges*. (b) A study of Early Christianity. Lectures or F. J. Foakes-Jackson, *The Rise of Gentile Christianity*. Four hours a week.

8. (a) The First Epistle to Timothy; the Epistle of James; the Epistle of Jude; the Revelation of John (Chapters I, XII, XIII, XVII, XX); Ecclesiasticus (Chapters I-XII), with a study of the Introduction in Oesterley's commentary in the *Cambridge Bible for Schools and Colleges*. (b) A study of the pagan background of Early Christianity. Lectures or articles by Prof. Haverfield, "The Roman Empire in the First Century" and Gilbert Murray, "Pagan Religion at the Coming of Christianity" in Peake's *Commentary* and article by Clifford H. Moore, "Life in the Roman Empire at the Beginning of the Christian Era," in *The Beginings of Christianity*, Vol. I, edited by Foakes-Jackson and Lake. Four hours a week.

Section II

Biblical Greek I—Courses 1, 2. (Prerequisite, Matriculation Greek.)

Biblical Greek II—Courses 3, 4. (Prerequisite, Biblical Greek I.)

Biblical Greek III—Courses 5, 6. (Prerequisite, Biblical Greek II.)

Biblical Greek IV—Courses 7, 8. (Prerequisite, Biblical Greek III.)

1, 2. The Acts of the Apostles, with Nunn's *Greek Syntax* and sentences in *Greek Composition*, sight reading and Ramsay's

St. Paul, The Traveller and Roman Citizen. First term: Part I. Sentences covering the syntax of the use of participles, the methods of expressing indirect statements, indirect questions, purpose, result and cause, with exercises in composition based on the prescribed reading, and with sight translation of passages from Hellenistic Greek. Equivalent to one-third of the paper. Part 2. The Acts of the Apostles, Chapters I-XII, with the corresponding part of Ramsay. Equivalent to two-thirds of the paper. Second term: Part I. Sentences covering the syntax of temporal, concessive, comparative and conditional clauses, use of negatives and of the Aorist tense in dependent clauses, with exercises in composition based on the prescribed reading, and with sight translation of passages from Hellenistic Greek. Equivalent to one-third of the paper. Part II. The Acts of the Apostles, Chapters XIII-XXVIII, with the corresponding part of Ramsay. Equivalent to two-thirds of the paper. Four hours a week.

3. (a) The Gospel According to St. Mark and the following selections from the Gospel According to St. Matthew (Chapters I-X, XIII, XVI, XVIII, XXII-XXV, XXVII-XXVIII), and from the Gospel According to St. Luke (Chapters I-II, IV, VI, X-XII, XIV-XVI, XIX, XXIV). (b) The History of the Intertestamental and New Testament Periods (to the close of the reign of Herod the Great); a survey of the Apocalyptic movement and literature; and a survey of the Synoptic Problem. Lectures or C. M. Grant, *Between the Testaments*, Part I; article by H. T. Andrews, "Apocalyptic Literature," in Peake's *Commentary on the Bible*; and article by F. D. V. Narborough, "The Synoptic Problem," in Gore, *A New Commentary on Holy Scripture*. Four hours a week.

4. (a) The Epistle to the Romans (Chapters I-XI); the First Epistle to the Corinthians; and the Wisdom of Solomon (Chaps. I-XII), with a study of the Introduction in Gregg's commentary in *The Cambridge Bible for Schools and Colleges*. (b) A study of Hellenistic Judaism; a survey of the books of the Apocrypha; and a study of the textual criticism of the Bible. Lectures or W. W. Tarn, *Hellenistic Civilization*; C. M. Grant, *Between the Testaments*, Chaps. XIII and XIV; and articles by L. E. Binns, "Texts and Versions (Old Testament)" and C. H. Turner, "The Textual Criticism of the New Testament" in Gore's *Commentary*. Four hours a week.

5. (a) The Epistle to the Philippians; the Epistle to Philemon; the Epistle to the Hebrews; the Second and Third Epistles of St. John; I Maccabees (Chapters I-XII), with a study of the Introduction in Fairweather and Black's commentary in the *Cambridge Bible for Schools and Colleges*; Baruch. (b) A study of Early Christianity. Lectures or F. J. Foakes-Jackson, *The Rise of Gentile Christianity*. Four hours a week.

6. (a) The First Epistle to Timothy; the Epistle of James; the Epistle of Jude; the Revelation of John (Chapters I, XII, XIII, XVII, XX); Ecclesiasticus (Chapters I-XVI), with a study of the Introduction in Oesterley's commentary in the *Cambridge Bible for Schools and Colleges*. (b) A study of the pagan background of Early Christianity. Lectures or Halliday, *The Pagan Background of Early Christianity*. Four hours a week.

7. Conybeare & Stock, *Selections from the Septuagint*, pages 108-142, 205-221, 265-290, with reference to the grammar of Septuagint Greek contained therein; Letter of Aristeas; selections from Josephus. Four hours a week.

8. IV Maccabees; selection from Philo (Life of Moses, Book 2; Decalogue); selections from Lucian. Four hours a week.

BIBLICAL LITERATURE

Principal John Mackay, D.D. Professor
Rev. E. G. Perry, B.A., Ph.D. Professor

Biblical Literature III—Courses 1, 2, 5 and 6.

Biblical Literature IV—Courses 3, 4, 7 and 8.

OLD TESTAMENT

1. The books concerning the history, archaeology and religious development of Israel from the earliest times till the Conquest of Canaan with minuter investigations of selected passages. English Bible (revised version) or that of the Jewish Publication Society. Kent, *Historical Bible*, *Heroes and Crises*; or *Clarendon Bible* volumes, 1, 2, 6. Two hours.

2. The books concerning the history, archaeology and religious development of Israel and Judah from the time of the Judges to the end of Hezekiah's reign. Kent, *Founders and Rulers*, *Kings and Prophets*; or *Clarendon Bible*, volumes 2, 3. English Bible, (revised edition) or that of the Jewish Publication Society. Two hours.

3. The books concerning the history, archaeology and religious development of the Jewish Kingdom from the reign of Manasseh till the close of the Babylonian Exile, with minuter investigations of selected passages. English Bible, (revised version) or that of the Jewish Publication Society. Kent, *Kings and Prophets*, *Makers and Teachers of Judaism*, or the *Clarendon Bible*, volumes 3, 4. Two hours.

4. The books concerning the history, archaeology and religious development of the Jewish Community from the Return from the Babylonian Captivity till the Roman Period with minuter investigations of selected passages. English Bible, (revised version) or that of the Jewish Publication Society. Kent, *Makers and Teachers of Judaism* or *Clarendon Bible*, volumes 4, 5. Two hours.

NEW TESTAMENT

5. The historical background of early Christianity and the making of the New Testament. Two hours, First Term, 1930-1931.

6. The Life of Jesus according to the Synoptic Gospels. Two hours, Second Term 1930-1931. (For courses 1 and 2 references are Angus, "The Environment of Early Christianity;" Peake "Introduction to the New Testament;" Matthew, Mark and Luke in the Westminster New Testament series).

7. The later New Testament writings, their background, authorship and character, with selections from Hebrews and John's Gospel. Two hours, First Term, 1930-1931.

8. The Gospel and Epistles of John, with a study of apocalyptic literature as illustrated in The Book of Revelation. Two hours, Second Term, 1930-1931. (For courses 3 and 4, references are Garvie, "The Beloved Disciple;" A. B. Davidson, "Hebrews" or "Hebrews" in Home and School series; Scott, "The Fourth Gospel," The Johannine Epistles in the Westminster series; C. Anderson Scott, "Revelation").

9. The Beginnings of the Christian Church with the Literature of Acts and Romans. Two hours, First Term, 1931-1932.

10. The Pauline Epistles, with special reference to Galatians, Ephesians, Philippians, Colossians and Philemon. Two hours, Second Term, 1931-1932. (For courses 5 and 6, references are Scott, "The Beginnings of the Christian Church;" David Smith, "The Life and Letters of St. Paul;" W. M. Morgan, "Paul," Westminster or New Testament Commentary; McGiffert, "The Apostolic Age," Century or Oxford.)

HEBREW

Rev. E. G. Perry, B.A., Ph.D. Professor

Rev. Geo. B. King, M.A., B.D., Ph.D. Professor

Hebrew I—Courses 1, 2.

Hebrew II—Courses 3, 4. (Prerequisite, Hebrew I).

Hebrew III—Courses 5, 6, 7, 8. (Prerequisite Hebrew II).

Hebrew IV—Courses 9, 10, 11, 12. (Prerequisite Hebrew III).

Hebrew IVH—Courses will be outlined on request.

Hebrew VH—Courses will be outlined on request.

1, 2. Harper's Method and Manual (Smith). First Term, exercises 1-17, inclusive. Second term, exercises 18-30, inclusive. Four hours.

3, 4. Harper's Method and Manual (Smith). First Term, exercises 31-44, inclusive. Second Term, exercises 45-56, and the study of Exodus, chapters 18, 19; Deuteronomy, chapter 5; Jonah, chapters 1, 2, 3, 4; Psalms 122, 125. Four hours.

5. **Hebrew, Historical and Poetic.** (a) Genesis, chapters 28, 32, 33; Exodus, chapters 4, 5; (b) Psalms 8, 19, 20, 22, 26, 29, 39, 42, 43, 45, 46, 50, 51, 79, 85. Two hours.

6. **Hebrew, Legal and Wisdom.** Exodus, chapters 21, 22, 23, 34; Nehemiah, chapter 13; (b) Proverbs, chapters 25, 29, 30, 31; Ecclesiastes, chapters 1, 4, 5, 7. Two hours.

7. **The Early History, Archaeology and Historical Geography of Syria and Palestine.** Paton, Syria and Palestine; Hall, Near

East; The Cambridge Ancient History; Barton, Archaeology and the Bible; G. A. Smith, Historical Geography. Two hours.

8. **The History and Archaeology of Israel and Judah from the Time of the Early Monarchy to the Maccabaeon Period.** Bailey and Kent, History of the Hebrew Monarchy. Barton, Smith. Two hours.

9. **Hebrew, Prophetic and Dramatic.** (a) Micah, Nahum; (b) Job, chapters 22-32, inclusive. Two hours.

10. **Hebrew, Prophetic and Apocalyptic.** (a) Habakkuk, Obadiah, Haggai, Malachi; (b) Joel, Zephaniah, Zechariah, chap. 14. Two hours.

11, 12. **Old Testament Criticism, Introduction, Religion.** First Term: (a) Kenyon, Our Bible and the Ancient Manuscripts, chapters 1, 2, 3, 4, 5, 11, or Geden, Introduction to the Hebrew Bible, chapters 1, 2, 3, 4, 5; (b) Gray, Bennett and Adeney, or Driver, The Pentateuch and Former Prophets; (c) Synopsis of "The Religion of Israel" Prof. W. G. Jordan; Peake's Commentary. Second Term: (a) The Later Prophets and the Writings. (b) Synopsis of Cornill, "The Prophets of Israel." Two hours.

Note—Essays and synopses are to be handed in to the Registrar on or before December 1st, in case of First Term Courses and on or before April 1st in case of Second Term courses. In connection with courses 5, 6, 9, 10, syntactical principles are to be mastered, use being made of the syntax of either A. B. Davidson or Harper. For interpretation, the Century, Cambridge, Expositors or Peake's Bible Commentaries may be used. In connection with courses 7, 8, 11, 12, the English Bible (revised version) or that of the Jewish Publication Society should be used.

RELIGIOUS EDUCATION

Rev. C. W. Keirstead, M.A., B.D. Professor
Rev. A. R. Cragg, M.A., B.D. Lecturer

Religious Education (Psychology and Methods)—Courses 1, 2.

Religious Education (Principles and History)—Courses 3, 4.

1. **The Psychology of Religious Education.** This course is a study of the psychological principles underlying the religious life of childhood and adolescence, and a survey of the leading facts concerning morals, manners, and religion of childhood and youth. Four hours a week. Texts: Norsworthy and Whitley, Psychology of Childhood; Tracy, The Psychology of Adolescence; Horne, The Psychological Principles of Education.

2. **Curricula and Teacher Training.** This course deals with the history of the curriculum; the principles determining the selection of materials; the methods of grading and organizing materials; the principles involved in the teaching process: present tendencies in teacher training; and examination of current cur-

ricula. Four hours a week. Texts: Betts, *The Curriculum of Religious Education*; Strayer, *A Brief Course in the Teaching Process*; Bower, *The Curriculum of Religious Education*.

3. **Philosophy and Principles.** This course deals with the fundamental presuppositions and principles of religious education; psychological and social factors conditioning religious growth and development; functions of family, church and state in *Religious Education*. Four hours a week. Texts: Horne, *The Philosophy of Education*; Soares, *the Principles of Religious Education*.

4. **The History of Education.** This course gives a survey of the development of educational practice and theory beginning with the Hebrew and extending to our own times; the lives and ideals of the great educational reformers; the great catechisms; the beginnings of the Sunday School movement; modern movements in religious education. Four hours a week. Texts: Cubberley, *A Brief History of Education*; Brown, *A History of Education in Recent Times*.

Note—The following books are suggested as reference literature for students of Religious Education: Leta S. Hollingsworth, *Psychology of the Adolescent*; Egglestone, *Womanhood in the Making*; Veith, *Teaching for Christian Training*; Bobbitt, *The Curriculum*; Munro, *History of Education*; Chapman and Counts, *Principles of Education*; Weigle, *Training of the Child in the Christian Family*; Emme and Stevick, *Principles of Religious Education*; Coe, *Christian Education*.

DEPARTMENT OF SOCIOLOGY

Pres. J. H. Riddell, B.A., B.D., D.D., LL.D. Professor

Sociology III—Courses 1, 2.

Sociology IV—Courses 3, 4.

1, 2. **Sociology.** (a) First Term: Character and Scope of Sociology, and its relations to Biology, Psychology, Social Psychology, History, Political Economy, and the various social sciences. Methods of Investigation. Society and the Individual. Origin and Evolution of Society. Forms of Association. Socializing Processes. Social Organization. History of Sociology.

(b) Second Term: Social Forces, their direction and control. Theory of Social Progress. Social Laws. Social Activities, including conflict and competition, adaptation, exploitation and stratification. Law and Liberty in Society. Relations between various social groups, racial, national, etc. Social Achievement. Social Ends. Four hours per week.

Works of Reference: In calling the attention of students to the following list of books bearing on certain of the subjects to be studied, the Examiners in Sociology give notice (1) that the list is intended for general guidance only, and that all students should take personal advice as to their reading, and (2) that the Examiners are in no way bound by this list.

"The Encyclopedia of the Social Sciences" (now in course of publication): Giddings, "Principles of Sociology;" Ross, "Principles of Sociology;" Spencer, "The Study of Sociology;" Bagehot, "Physics and Politics;" Muller-Lyer, "History of Social Development;" Barth, "Die Philosophic der Geschichte als Soziologie;" Park and Burgess, "Introduction to Sociology;" R. M. MacIver, "Social Science;" R. M. MacIver, "Community;" Cooley, "Social Organization;" James Ford, "Social Problems and Social Policy;" Dealey, "Sociology; Its Development and Applications."

In addition, the "Encyclopaedia of Religion and Ethics" and various general encyclopaedias contain many articles on sociological subjects.

3, 4. Applied Sociology. (a) First Term: Character and Scope of Applied Sociology. Personal Relations. Voluntary Associations. Social Institutions; Marriage and the Family; the Church; Education. Social Control by means of the State the exception rather than the rule: Direct State Control illustrated by selected groups of instances, e.g., Public Administration and the Civil Service, Relations between Parliament and certain Boards or Commissions, Methods of regulating certain kinds of trade, etc.

(b) Second Term: Normal Functions of Society with little or no State Control; illustrations from Business Law, Medicine, etc., considered in their social aspects. The Economic Problem; the predominance of Private Enterprise, and the Scope of Public Ownership and Public Management in certain instances. Population and Immigration. Social Pathology: Poverty, Public and Private Relief; Mental Deficiency; Crime, Juvenile Delinquency, Probation, Prisons and Parole. Principles and Methods of Social Reform and Improvement. Four hours per week.

Works of Reference. In calling the attention of students to the following list of books bearing on certain of the subjects to be studied, the Examiners in Sociology give notice (1) that the list is intended for general guidance only, and that all students should take personal advice as to their reading, and (2) that the Examiners are in no way bound by this list.

"The Encyclopedia of the Social Sciences" now in course of publication): James Ford, "Social Problems and Social Policy;" Lester F. Ward, "Applied Sociology;" Ross, "Principles of Sociology;" W. G. Sumner, "Folkways;" Helen Bosanquet, "The Family;" The Canada Year Book and other publications of the Dominion Bureau of Statistics; Robert M. Dawson, "The Principle of Official Independence, with particular reference to Canada;" William A. Robson, "From Patronage to Proficiency in the Public Service;" R. G. Hawtrey, "The Economic Problem;" F. Creedy, "Human Nature in Business;" A. M. Carr-Saunders, "Professions: Their Organization and Place in Society."

GENERAL REGULATIONS

REGISTRATION

Students who have been in attendance at the University in classes under the Faculty of Arts and Science or at an affiliated Arts College during the session 1929-1930, and who desire to register for class attendance during 1930-31, are requested to do so at the Registrar's office during the period, April 15th to May 3rd. This registration, which is made subject to such reasonable adjustments as may later be asked for up to the date of the opening of lectures in September, is provided to assist the Dean and the Faculties of the University and the affiliated Colleges in connection with the planning of the work of the new session. It has also the added advantage that it will thus early dispose of a great deal of routine that has hitherto caused much congestion in connection with registration at the opening of the fall term. No fees will be asked for at the time of the Spring registration, but a statement of the amount required will later be forwarded to the summer address of the student, who, on presenting himself in the fall, will merely need to make payment of his fees, the amount of which he already knows, and receive the class cards that have been prepared for him.

New students, whether entering with matriculation or with advanced standing, should present their applications for admission to the Registrar, either in person or by mail, not later than September 2nd, and preferably as early as possible in the summer. Provision will be made for the formal registration of First Year students of the Junior Division in Arts and Science on September 16th, and their regular lectures will begin on September 17th. A penalty of \$2.00 will be imposed on any First Year student in Arts and Science who presents himself for registration later than September 18th.

Provision will be made on September 19th and 20th for completion of enrolment and payment of fees or for initial registration (where necessary) with payment of fees by students of the Second Year of the Junior Division in Arts and Science. Regular lectures for these classes will open on September 22nd. On and after this date too, a penalty of \$2.00 will be imposed upon those who present themselves to complete enrolment, pay fees and enter classes.

Students of the Senior Division in Arts and Science will complete enrolment on September 23rd, and lectures will open on **September 24th.** On and after this date a penalty of \$2.00 will be imposed upon those who present themselves to complete enrolment, pay fees, and enter classes.

No registration in Arts and Science will be accepted after Wednesday, October 1st, unless the Board of Studies on investigation finds that a special concession is warranted.

The dates for the registration of extra-mural students are the same as those for students in attendance, and the same regu-

lations apply, except that extra-mural students are not required to register in person, but may do so by mail.

Special students may be registered whose applications have been approved by the Dean of the Faculty concerned and the Board of Studies Committee on Students' Courses.

EXAMINATIONS

General Regulations

1. The regular examinations for undergraduates in Arts, Science and Pharmacy are given in part in December and in part in April of each academic year. For definite information as to the work upon which each of these sets of examinations is based, the student is referred to the curricula as set forth elsewhere in this Calendar.

2. Examinations in Arts and Science may be held at such outside centres in Manitoba, Saskatchewan, Alberta and British Columbia, as the Board of Studies may from time to time approve, it being understood that this does not apply to practical or oral examinations, where such are required.

Matriculation Examinations

Examinations for Matriculation are conducted by the Examination Board of Manitoba (a joint committee of the University Council and the Advisory Board of the Department of Education of Manitoba, appointed to administer the examinations for promotion in and from the secondary schools of the province.) They are held twice in each year, in the months of June and September, and Supplemental Examinations are given under certain conditions in December. The September Examination is ordinarily limited to subjects of Grade XI and is intended mainly for those who desire to qualify immediately to enter upon University Courses. For fuller information regarding the regulations governing the Matriculation Examinations, consult the Matriculation Calendar.

CREDIT FOR TERM WORK

1. At the close of each term the instructors in Arts and Science in the University and the affiliated colleges may make a report on the work of each student for the term just closing in the form of an award of marks, to be based upon the results of recitations, reports, essays, papers or interim examinations, or a combination of any number or of all of these tests, as indicating the character of the work throughout the term. The maximum credit allowed for term work in such a report shall be 20 per cent. of the total marks allowed for the subject or portion of the subject in question.

2. On the acceptance of the report of the instructor, the marks given for term work are added to the marks obtained at the written examination in the subject (for which the minimum shall be 80 per cent. of the total marks allowed for the subject

or portion of the subject in question), and this total shall determine the standing of the student.

3. In case the instructor submits no report, or his report is not accepted by the Board of Studies for any reason, the standing of the student is determined entirely by the final written examination, which will be valued on the basis of the total marks allowed for the subject or portion of the subject in question.

4. In any case, the award of scholarships and medals in Arts and Science is made entirely on the results of the final written and practical examinations.

FAILURES AND SUPPLEMENTALS

1. When the work in a subject is divided into parts such as the theoretical part and the laboratory part in a science subject or the grammar and prose part and the author's part in a language subject, final credit towards standing for a degree will not be given for any such part or parts of a subject until all have been completed and passed to the satisfaction of the examiners. Provisional credit will not, in the meantime, count towards determining eligibility to proceed with further work.

2. If a student fails to pass in any subject or part of a subject but secures 35 per cent. or over he will have the privilege of repeating the examination in that subject or part of a subject in which he has failed without attendance, but if he obtains less than 35 per cent. he must repeat the class work of that subject or part of a subject in attendance either during a regular session or at a Summer School or under approved tuition, before he is accorded another examination. He should, moreover, secure definite approval of his proposed arrangement for tuition before it is entered upon.

(a) In the case of students failing on First Term papers in December, and falling below 35%, the requirement of additional tuition will be waived, where the student continues under instruction in the same subject taking the Second Term course, or as an extra-mural student proceeds with the subject and applies for April examination in the work of both terms.

(b) In the case of students failing on First Term or Second Term papers in April and falling below 35% they are advised, first of all, to take the Summer School instruction in the courses in which they have failed, where it is offered. In cases where they plead inability to attend the Summer School, or in cases where the Summer School program does not provide instruction in the subject in which they are deficient, they are required to apply by the opening date of the Summer period of instruction for approval of a scheme of instruction, in the arrangements for which the Registrar's office will co-operate. Further details will be supplied on request.

3. A regular student who obtains less than 8 units of credit at the examinations of any session including the succeeding Summer School will not be permitted to continue his studies at the

University nor be registered for University examinations during the next academic session.

4. A student in Arts and Science who has not, prior to the opening of the session, completed 36 units of credit, will be regarded as belonging to the Junior Division. A student in Arts and Science who has, prior to the opening of the session, completed at least 36 units of credit shall be regarded as belonging to the Senior Division. Such a student, who has already completed 40 units of credit in the Junior Division, may elect to proceed in either the Senior Pass Division or the Senior Honors Division.

5. A student may not enter the Senior Honors Division unless he has completed 40 units of work in the Junior Division. He may not continue in the Senior Honors Division longer than one annual session unless he has at the close of that session—

(1) Obtained 16 units of credit in the Division.

(2) Attained a grade of at least 67 per cent. on each of two subjects (representing 8 units of credit) which subjects he proposes to elect in connection with his further work in that Division.

A student may transfer from the Senior Pass Division to the Senior Honors Division at the close of one annual session in that Division provided he has—

(1) Completed 40 units of work in the Junior Division.

(2) Completed 16 units of work in the Senior Division.

(3) Attained a grade of at least 67 per cent. on each of two subjects of the Senior Division (representing 8 units of credit) which subject he will be permitted to elect in connection with further work in the Senior Honors Division.

6. Students are permitted to group themselves into classes or years within the Divisions for purposes of social life, athletics, etc.

7. The pass mark in all undergraduate subjects in Arts and Science is 50 per cent., both for extra-mural and intra-mural students.

8. The September Supplemental Examinations begin on or about the first Tuesday of the month. For them, as for all other supplemental and special examinations, application should be made at least thirty days in advance and on blank forms intended for the purpose, to be obtained from the Registrar.

10. The scale of fees for supplemental examinations is as follows:

A fee of \$3.00 for the first hour-and-a-half unit and a further fee of \$1.00 for each additional hour-and-a-half unit, whether of half or full papers, up to a maximum of \$8.00.

10. In all cases, students who are required to repeat a course of instruction or take a supplemental examination and who fail to present themselves for the same and pass at the Summer School or the September examination following the regular examination at which the original failure was made, must, when they present themselves for examination at a later date, accom-

modate themselves to any changes in the curriculum that may have been made in the meantime.

11. A condition in any subject in which the supplemental examination privilege has been earned may also be removed by writing upon the paper provided in the subject in question at any regular examination where such paper is examined. In such a case the supplemental examination fee is required from the candidate whether or not he has paid at the same time the regular examination fee. He should also make application therefor on a special form provided for such cases by the Registrar.

12. September Supplemental Examinations are held at the University, and also at such outside centres in Manitoba, Saskatchewan, Alberta and British Columbia as the Board of Studies may from time to time approve.

13. Candidates for any supplemental or special examination should at least thirty days before the date of the examination, make suitable application to the Registrar, from whom blank forms of application may be obtained. The required fee must accompany the application. The fee for a regular examination is payable (along with the tuition fee, if such is required) at the time of registration for class work.

EXTRA-MURAL STUDENTS IN ARTS

Extra-mural students in Arts, resident in the Province of Manitoba and possessing the requisite previous academic standing, will be accepted, subject to the approval of the Board of Studies, under the following general conditions:

1. No subject may be elected that involves oral or laboratory work.

2. Extra-mural students must register within the same time-limits as are prescribed for students in attendance and must conform to the same regulations and standards as are in force for intra-mural students, save that term marks will not be exacted, except in the case of term essays in English, where such are required.

3. Extra-mural students must present themselves for examination at the time appointed for intra-mural students and either at Winnipeg or at one of the outside centres specially authorized by the Board of Studies for the purpose.

4. No student will be allowed to complete in full the requirements for the Bachelor of Arts degree extra-murally but a minimum of one year's attendance at this or another approved University will be exacted before the degree is conferred.

5. Every extra-mural candidate at any examination may be required to forward to the Registrar a certificate from some trustworthy person that he is of good moral character.

6. A student who has obtained at least a year's credit as an extra-mural student while resident in the Province of Manitoba or who has attended for at least a year as an intra-mural student at the University of Manitoba or an affiliated college, may, if, on removal from the province, he desires to continue his course extra-murally, have the privilege extended to him of so doing, provided that all the other requirements set forth above

are complied with and that he has a minimum of one year's attendance at an approved University to his credit, before the degree of Bachelor of Arts is conferred.

7. No extra-mural student may, except by special permission of the Board of Studies, undertake more than twelve units of work during an annual session. It is, moreover, the desire and expectation of the University that extra-mural study will be combined, wherever possible, with Summer School attendance, and will lead eventually to attendance at the University during a regular session.

APPEALS

1. Any candidate is at liberty to enter an appeal, within three weeks after the publication of the examination results in the public press, against the standing assigned him by the examiners and to request a revision of the marking of one or more of his papers.

2. The fee for such revision is \$2.00 for each paper. This fee is payable at the time the appeal is made, and in case the revision takes place, is not returnable, whether the original marking is sustained or not. When the revision is not granted the fee is returnable.

3. There is no special form of application for such revision.

EQUIVALENT EXAMINATIONS

1. Provincial Department of Education examinations are accepted pro tanto by the University, insofar as the subjects and standing are, to the satisfaction of the Board of Studies, the same as, or equivalent to, those required by the University—but candidates offering certificates of having passed such examinations are required to pass in such subjects or subjects not covered by their certificates, as may, in the opinion of the Board, be necessary for the completion of the examination, for partial standing towards which such certificates are presented.

2. (a) The following are accepted pro tanto for subjects of Parts I and II of Arts or Science Matriculation or Parts I and II of Junior Matriculation for Medicine or Engineering:

- (1) Third Class Diploma, Saskatchewan, Alberta or British Columbia.
- (2) Entrance to Model Schools or Lower School Certificate, Ontario.

(b) The following are accepted pro tanto for subjects of Parts I, II and III of Arts or Science Matriculation or full Junior Matriculation for Medicine or Engineering:

- (1) Grade XI Teachers' Examination Certificate, Manitoba.
- (2) Second Class Diploma, Saskatchewan, Alberta or British Columbia.
- (3) Entrance to Normal Schools or Middle School Certificate, Ontario.

(c) The following are accepted pro tanto for subjects of the Junior Division in Arts and Science:

- (1) Grade XII Teachers' Examination Certificate, Manitoba.
 - (2) First Class Diploma, Saskatchewan, Alberta or British Columbia.
 - (3) Entrance to Faculties of Education Certificate, Ontario.
3. Provincial or Departmental Certificates for any other provinces of the Dominion are granted such pro tanto standing as the Board of Studies may from time to time recommend.
4. Candidates presenting pro tanto certificates must attempt to pass at one time in all the subjects necessary to the completion of the entire examination.
5. Holders of certificates of educational value, other than those above mentioned, receive such recognition as the Board of Studies may from time to time recommend.

Admission Ad Eundem Statum and Ad Eundem Gradum

Members of any other University in His Majesty's Dominions, or of any other University accredited by the University of Manitoba, who may apply for admission to this University, are not required to take the Entrance Examination of the Faculty to which they belong, but may be admitted ad eundem statum or ad eundem gradum, on presentation of their credentials and payment of the required fee.

ATTENDANCE ON LECTURES AND PRACTICAL WORK

All students, except those who have been duly registered as taking their work extra-murally, are expected to be regular in their attendance at lectures.

When the number of absences recorded against a student under the Faculty of Arts and Science in any course exceeds ten per cent. of the number of lectures given for the term in that course, the instructor shall report the case to the Dean, who shall lay it before the Committee on Attendance and Progress of Students. When a student's attendance continues unsatisfactory, the Committee with the concurrence of the instructor and of the Discipline Committee of the General Faculty Council has power to exclude such student from classes or examinations, or both. The number of absences is reckoned from the opening date of the term and not merely from the date of registration of the student. When, after repeated warnings a student is found to be persistently negligent with respect to his work or fails for any other reason to make satisfactory progress, the instructor shall report his case to the Dean, who shall lay it before the Committee on Attendance and Progress of Students. When the student's work still continues unsatisfactory, the Committee, with the concurrence of the instructor and the Discipline Committee of the General Faculty Council, has power to exclude such student from classes or examinations, or both.*

*A student who is debarred from University examinations in any subject or subjects at the end of a term or session because of insufficient attendance or unsatisfactory work, is not allowed to take examination in the subject or subjects subsequently until he has fulfilled the ordinary attendance regulations with respect to such subject or subjects, as applied to new students during a succeeding term or session and has done satisfactory work therein.

All students in Arts registered in an affiliated College will be expected to comply with the regulations as to attendance and work made by their College and a statement from the Faculty of an affiliated college in which any such student is registered to the effect that his attendance or work has been unsatisfactory, will be sufficient to debar him from examination.

No student is allowed to present himself for examination in any laboratory or drafting-room subject, unless he has satisfactorily carried out and recorded the minimum of practical work in each such subject decided upon by his Faculty; the scheme of practical work to be announced at the beginning of each session. This regulation applies to all classes of students, whether of Arts, Science, Engineering, Medicine or Pharmacy, doing practical work under the direction of the University Faculties.

ISBISTER SCHOLARSHIPS

Junior Division in Arts and Science

1. There are offered ten scholarships of \$60.00 each to the students ranking highest on the aggregate of an approved course of the value of twenty units selected in accordance with the regulations governing the work for the degrees of B.A. and B.Sc. and at least twelve units of which is for work normally taken by a student in the First Year in the Division.

2. There are offered ten scholarships of \$60.00 each to the students ranking highest on the aggregate of an approved course of the value of twenty units, selected in accordance with the regulations governing the work for the degrees of B.A. and B.Sc. and at least twelve units of which is for work normally taken by a student in the Second Year in the Division.

The student must have clear Matriculation standing and must have taken the work within the regular session for which the scholarship is awarded. Work done in a previous session or at a Summer School may not be offered in competition for a scholarship. A minimum of 75 per cent. on the aggregate of the twenty-unit course will be required.

Senior Division in Arts and Science

1. There are offered ten scholarships of \$80.00 each to the students ranking highest on the aggregate of an approved course of the value of sixteen units, covering four subjects, selected in accordance with the regulations governing the work for the degrees of B.A. and B.Sc. and at least twelve units of which is for work normally taken by a student in the first year in the Senior Division. The competition is open to students both of the Senior Pass and the Senior Honors Division. A minimum of 75 per cent. on the aggregate of the sixteen-unit course will be required.

2. There are offered ten scholarships of \$80.00 each for general competition among the students taking subjects normally elected in the Second Year of a student's work in the Senior Honors Division in Arts and the students taking subjects normally elected in the second year of a student's work in the Senior Honors Division in Science. A minimum of 75 per cent. will be required in each of the subjects carried by the student.

GENERAL CONDITIONS OF ELIGIBILITY TO RECEIVE ISBISTER SCHOLARSHIPS

1. A student is not qualified to receive a scholarship unless:

(a) He has been ranked above all competitors on the aggregate of the marks in the subject or subjects for which the scholarship is given, or, in cases where more than one scholarship is offered, is one of a group that has been so ranked, or has become eligible through reversion. In all cases where general proficiency scholarships are awarded, not upon a fixed course but upon a course involving elective subjects, the practice has been adopted of raising the highest candidate in each subject to 100 per cent. and the others likely to be in competition in proportion and of comparing the competitors upon the basis of these raised percentages.

(b) And has removed at the same examination, or prior to it, any condition from a previous year or grade that may have been registered against him.

2. No student may hold more than one scholarship. If a student succeeds in otherwise qualifying for more than one scholarship in any year, he will be allowed to receive but one, and his name will be entered upon the list as having qualified for the other, though not entitled to any of the funds; and such other scholarship will be granted to the one ranking next to him, provided he is otherwise eligible.

CONDITIONS GOVERNING THE PAYMENT OF ISBISTER SCHOLARSHIPS

The general conditions governing the payment of these scholarships are determined by the terms of the will under which the trust was established, from which the following is an excerpt:

"I desire it to be understood that I establish this trust for the benefit and improvement of education in the Province of Manitoba, and it is my wish that it shall take the form of a general scholarship or prize fund for the encouragement of meritorious students and scholars in the various places of education in the Province for both sexes, from the Common School to the Colleges and Institutions and Private Schools where the highest education is given without any distinction of race, creed, language or nationality. In the Lower Schools this encouragement may take the form of prizes, and in the Higher Schools that of scholarships of sufficient value to maintain or help to maintain the holder at a College or University either in Canada, Great Britain or elsewhere, and I leave the Governing Body of the Manitoba University free to carry out the objects of the trusts now confided to them in the manner which to them may seem best."

The scholarships are paid during the course of the annual session following that at the examinations of which they were won, provided the winners are duly enrolled and regularly in attendance at the University or an affiliated college, upon the full work of the next succeeding year of the degree course they have begun, and payment is made upon the following plan: One moiety on the second Monday in November and one moiety on the second Monday in February, upon receipt by the Bursar of certification as to the award of the scholarship from the Registrar and as to compliance with the above requirements of registration and attendance from the Dean and the President in the case of students registered for instruction in the University, and from the Registrar of the University and the head of the College in question in the case of students registered for instruction in an affiliated college.

If, for any reason, the winner of a scholarship is not in attendance as an intra-mural student during the academic year next following that in which the scholarship is won, the scholarship will automatically be extended for another year.

If, for any reason, the winner of a scholarship is not in attendance during the two academic years next following that in which the scholarship is won, the scholarship will lapse.

The values stated for the scholarships are the maximum values which the scholarships will not exceed. If the funds do not allow of the scholarships being of such maximum value, then they shall be proportionately of such value as the funds will allow.

AIKINS SCHOLARSHIPS IN THE ENGLISH LANGUAGE AND LITERATURE

The late Sir James Aikins, formerly Lieutenant-Governor of Manitoba, and for many years a member of the Council of the University and its Honorary Bursar, in his lifetime established a trust for the purpose of providing annually what are known as the Aikins Scholarships in the English Language and Literature. They are awarded to the students ranking first at the annual examinations in English I, English II and English III respectively, and have the same conditions attached as are attached to the Isbister Scholarships with respect to a minimum standing of 75 per cent. in the subject, concurrent completion of a full course of study of the year in question and freedom from prior conditions. They are paid during the next succeeding annual session upon the same plan as that of the Isbister scholarships. The amounts have been fixed for the present at the following:

English I	\$ 75.00
English II	75.00
English III	125.00

KHAKI UNIVERSITY OF CANADA AND YOUNG MEN'S CHRISTIAN ASSOCIATION MEMORIAL BURSARIES

There are offered annually by the University of Manitoba fourteen bursaries known as the Khaki University and Young Men's Christian Association Memorial Bursaries. These scholarships involve a payment to the holder of \$50.00 and remission of tuition fees to the extent of full remission to students in Arts or Science and half remission to students in professional courses. These bursaries are considered as tenable along with other University Scholarships.

The award is made by the University Council on the recommendation of a Committee of Selection to be appointed by that Council.

In choosing the holders of bursaries consideration is given not only to literary and scholastic attainments, but also to personal character, qualities of leadership and the financial circumstances of the applicants. Preference will be given to the sons

and daughters of soldiers of the Great War and to soldier students who saw service overseas.

Applications for these bursaries will be received by the Registrar of the University during the first month of each annual session, and the award will be announced towards the close of the first term. A form of application may be obtained at the Registrar's office.

LOAN SCHOLARSHIP FUND OF THE UNIVERSITY WOMEN'S CLUB

The University Women's Club has established a Loan Scholarship Fund, the purpose of which is to give financial assistance to women students of Manitoba University, by loaning them sums of money. No interest is charged on the loans, and the period of repayment is arranged to suit the convenience of the applicant. Enquiries may be addressed to the Dean of Women of the University, or of an affiliated college, or to Mrs. Sinclair MacKay, 9 Windsor Apts., Langside St., Winnipeg.

THE I.O.D.E. BURSARY

A Bursary to the value of \$300 a year for four years is offered by the Daughters of the Empire each year to cover a course of study at the University of Manitoba. For this Bursary only the sons and daughters of men killed or totally disabled in the Great War are eligible. Applications for the Bursary to be awarded for the coming year must be made in the spring. Application forms and information may be obtained from Mrs. A. Wilson-Smith, 222 Phoenix Block, Winnipeg, or from The National Education Secretary, I.O.D.E., 238 Bloor Street East, Toronto 5.

OTHER SCHOLARSHIPS AWARDED BY THE UNIVERSITY OF MANITOBA

(For details see University of Manitoba Calendar, 1930-31)

1851 EXHIBITION SCHOLARSHIPS

Every candidate put forward must be a British subject under twenty-six years of age and a bonafide student of science of not less than three years' standing.

THE HART SCHOLARSHIP IN CLASSICS

A scholarship of the value of \$50.00 is offered annually for competition among students of the First Year of the Senior Division in Arts, taking Latin III and either Greek III or Greek IV.

PHYSIOLOGICAL RESEARCH PRIZE

Registered students of the University of Manitoba, and members of the staff other than professors or lecturers, shall be eligible to compete.

Medical practitioners shall be eligible to compete on registration as students of the University.

SCIENTIFIC CLUB'S RESEARCH PRIZE

The prize shall be awarded for the best research work in Science done in the University of Manitoba by a graduate of any University, other than a member of the faculty, who shall have received his last degree by examination not earlier than 1926.

FRENCH GOVERNMENT BURSARY

By the generosity of the Government of the French Republic, the University of Manitoba is permitted to nominate from time to time a student who has shown promise of proficiency in French studies, to receive a bursary of 6000 francs (with an additional allowance of 5000 francs for travelling expenses) to enable him to study for a year in France. For further particulars any one interested should consult the head of the French Department or the Registrar.

SCHOLARSHIP OF THE CANADIAN FEDERATION OF UNIVERSITY WOMEN

The Scholarship of the Canadian Federation of University Women of the value of \$1000, available for study or research work, is open to any woman holding a degree from a Canadian University.

THE I.O.D.E. OVERSEAS POST GRADUATE SCHOLARSHIP

A Scholarship to the value of \$1400 for post graduate study in any British University is offered each year to graduates of the University of Manitoba; students in the last year of their course may also apply. Applications for the Scholarship for 1930 to 1931 must be sent in by October 4th, 1930. Application forms and information may be obtained from Mrs. A. Wilson-Smith, 222 Phoenix Block, Winnipeg, or from The National Education Secretary, I.O.D.E., 238 Bloor Street East, Toronto 5.

UNIVERSITY TRAVELLING FELLOWSHIPS

Two University Travelling Fellowships, each of the value of \$400.00 are offered for award each year to graduates of the University of Manitoba.

THE RHODES SCHOLARSHIPS

The trustees of the late Cecil Rhodes have assigned a Rhodes Scholarship to the Province of Manitoba.

This Scholarship will hereafter be thrown into open competition in the Province, subject to the following conditions:

1. Candidates must be British subjects, with at least five years' domicile in Canada and unmarried. They must have passed their nineteenth, but not have passed their twenty-fifth birthday, on October 1st of the year for which they are elected.

2. Candidates must be at least in their Sophomore Year at some recognized degree-granting University or College of Canada, and (if elected) complete the work of that year before coming into residence at Oxford.

3. Candidates may compete either in the Province in which they have received at least two years of their college education, or in the Province in which they have their ordinary private domicile, home or residence.

MEDALS IN ARTS AND SCIENCE

1. The Governor-General's Gold Medal, the gift of His Excellency the Governor-General, is offered annually for competition among students who have completed the Junior Division and sixteen units in either the Senior Pass or the Senior Honors Division, the aggregate upon the entire fifty-six units of work then completed being taken into account.

2. A University Gold Medal and a University Silver Medal are offered for competition annually among students completing the work of the Senior Pass Division in Arts and Science and proceeding to the B.A. or B.Sc. degree, comparison being made on the basis of the method of raised percentages used in determination of general proficiency scholarship awards and the students' records being considered for the last sixteen units of credit they have earned, on the aggregate of which they must have attained a standard of at least 80 per cent., and twelve of which must be for work normally taken in the second year of the Senior Pass Division.

3. Five University Gold Medals are offered for competition annually among students completing the work of the Senior Honors Divisions in Arts and Science, and proceeding to the B.A. Honors or B.Sc. Honors degree who have attained a standard of at least 80 per cent. on both their subjects, comparison being made on the basis of the method of raised percentages used in the determination of general proficiency scholarship awards and the students' records being considered for the last sixteen units of credit they have earned, all of which must be for work normally taken in the third year of the Senior Honors Division.

DEGREES IN ABSENTIA

No degree will be conferred in absentia except where good reasons for absence have been submitted to, and approved by the Board of Studies, or the Council, and an additional fee of ten dollars may be exacted in each case where permission is granted.

UNIVERSITY ACADEMIC DRESS

The materials and colors prescribed by the Council for the hoods to be worn by graduates of the University are as follows:

B.A.—Black stuff, edged with white rabbit skin, with a braid of green silk.

M.A.—Black corded silk, lined with scarlet corded silk.

B.Sc.—Black, lined with gold-yellow and edged with white rabbit skin.

FEES

The following fees are required and are payable at the offices of the Registrars at the time of Registration. All students studying in the Arts Department or Matriculation Department will pay their fees to the Registrar of Wesley College. All students studying in the Theological Department will pay their fees to the Registrar of Manitoba College.

The payment of the Second Term tuition fees in the Arts Department may be deferred to January 5th, 1931, but only on the basis of an increase of 10 per cent.

If during the session the student's course is altered in such a way as to entitle the student to a rebate, application for that rebate must be made immediately the alteration is authorized.

DEPARTMENT OF THEOLOGY

Fees as provided by United Church of Canada .....	.....
Annual Examinations (non-residents)	\$ 5.00
Supplementals (each paper)	2.00
Degree of Bachelor of Divinity	10.00
Student Funds	10.00
Caution Money	5.00
Annual registration fee	1.00

COLLEGIATE DEPARTMENT

Grades	IX	X	XI	XII
Tuition	\$80.00	\$80.00	\$80.00	\$80.00
Caution Money	5.00	5.00	5.00	5.00
Student Funds	4.00	4.00	5.50	6.50
Laboratory Fees, 2 sciences				5.00
	<hr/>	<hr/>	<hr/>	<hr/>
	\$89.00	\$89.00	\$90.50	\$96.50

Fees for partial students—

Full course (in any grade for a period less than academic year), per month	\$11.00
Tuition, per month (per time table subject)	2.00

Examination Fees—

In this department the examination fees are payable to the Examination Board of Manitoba, according to their schedule.

ARTS AND SCIENCE DEPARTMENT

First Year Arts and Science Fees—

Payable at Wesley College	Tuition (five unit course)	\$ 65.00
	Caution Money	5.00
	Student Funds	10.00
	Laboratory fees (Physics & Chemistry)	5.00
		\$ 85.00
Payable at University	Examination fees	\$ 15.00
	Registration	2.00
		\$ 102.00

TUITION IN ARTS AND SCIENCE

Junior Division—

Each four-unit subject\$13.00
and proportionately for subjects of differing credit
value.

Senior Division—

Each four-unit subject\$16.25
and proportionately for subjects of differing credit
value.

STUDENTS' FUNDS AND CAUTION MONEY

(See under respective heads in this Calendar)

ATHLETIC FEE

A fee of \$5.00 may be paid at the time of registration as a contribution to a fund to assist in financing student athletics.

FEES

(Payable at the University)

The following fees are required and must be paid to the Accountant of the University in advance. Regular examination fees are payable at the time of registration, degree fees not later than the last date for payment of first term tuition fees of the final year. Supplemental examination fees are payable at the time of application for the examination is made. The fees for admission ad eundem statum or ad eundem gradum are payable at the time application therefor is made.

EXAMINATIONS IN ARTS AND SCIENCE

Regular Examinations—

Junior Division in Arts and Science—

Each four-unit subject \$3.00
and proportionately for subjects of differing credit
value.

Senior Division in Arts and Science—	
Each four-unit subject	\$3.75
and proportionately for subjects of differing credit value.	

Supplemental Examinations—

Junior Division and Senior Division—

A fee of \$3.00 for the first hour-and-a-half unit and a further fee of \$1.00 for each additional hour-and-a-half unit, whether of half or full papers, up to a maximum of \$8.00.

DEGREES

For the Degree of B.A.	\$10.00
For the Degree of M.A.	10.00
For the Degree of B.Sc.	10.00
For the Degree of M.Sc.	10.00
For the conferring of any Degree in absentia (for which the consent of the Board of Studies or the University Council must be secured), an additional fee of	10.00
For admission ad eundem statum	5.00
For admission ad eundem gradum	5.00

GENERAL

Appeals, each paper	\$2.00
Registration (payable the first time a student registers in any Faculty)	2.00
For a Certificate of Standing	2.00
For a Statement of Marks, on request	1.00

CAUTION MONEY

All students taking practical or laboratory classes in the University, are required to deposit with the Accountant at the beginning of each session the sum of \$5.00. Against this will be assessed the value of all apparatus broke or materials wasted in any way other than in the legitimate course of class work, and the balance will be refunded at the close of the term.

LABORATORY FEES

Laboratory fees are charged students taking Science courses on the following scale, viz., \$2.50 per full subject in the Junior Division and Senior Pass Division in Arts and Science and in Pharmacy, and \$5.00 per full subject in Senior Honors Division in Arts and Science. The maximum laboratory fee in the Junior Division and in Pharmacy will be \$5.00 and in the Senior Division will be \$10.00.

UNIVERSITY BOOK DEPARTMENT

In order to ensure prompt and reliable service in connection with the supply of text books, notebooks and other materials for

students' use, the University operates a book store in the basement of the Arts Building on Kennedy Street, at which everything of this nature can be purchased at the lowest possible prices. Students are urged to make full use of the facilities provided. Any who expect to have available time during the summer are strongly advised to secure as many texts as possible before leaving for the vacation. Extra-mural students may secure their books and supplies by mail.

Address all orders to

The Manager,

UNIVERSITY OF MANITOBA BOOK DEPARTMENT
WINNIPEG.

COLLEGIATE DEPARTMENT

Scope of work:

Instruction is provided in this department in all courses of Grades IX, X and XI, which do not require shop work or business training instruction; and in all courses of Grade XII.

Students whose courses have been interrupted:

Students who have been out of touch with school work for some time will find conditions here very suitable for a continuation of their academic work.

Textbooks:

The textbooks used in the Collegiate Department are those prescribed by the Department of Education for use in the Province of Manitoba.

Final examinations and standing:

The final examination in each grade is that set and administered by the Manitoba Board of Examinations, and is held yearly in June. A student in this department who has passed the examinations required, secures standing from the Province of Manitoba Department of Education.

Language classes:

Classes are offered in Latin and French and Greek and German. These provide a student an opportunity to complete in one year the work ordinarily studied in Grades IX, X and XI. The college reserves the right to withdraw the special courses if a sufficient number of students do not register.

Religious Instruction:

Classes in religious and moral instruction are organized for all students, except those excused by request of the parents or guardian. The instruction is non-sectarian.

Registration:

Registration in the Collegiate Department begins on Friday, September 12th. Classes begin on Monday, September 15th. The first term continues until December 24th, and the second term until the close of the examinations in June.

Information:

Full particulars regarding courses and fees may be had on request at the Registrar's Office, Wesley College.

GRADUATES

ARTS DEPARTMENT

Fifth Year—Honors

Dorothy A. Bewell	Dauphin, Man.
Nora Maunders	Portage la Prairie, Man.
David Owens	Wesley College, Winnipeg.
R. Gerald Riddell	41 Balmoral Pl.

Fourth Year—Arts

Ester O. Birch	Neepawa, Man.
K. I. Phyllis Cates	Reston, Man.
Willa Carson	Killarney, Man.
William W. Conly	42 Hart Ave.
Jennie G. Davidson	71 Kingston Crescent
Sidney G. Denham	Foxwarren, Man.
Eleanor C. Ferguson	201 Walnut St.
Willis R. Ferrier	824 Preston Ave.
Benjamin Foreman	Arden, Man.
Grace W. Gordon	Manitou, Man.
Mrs. C. W. Griggs (Pearl Broad)	532 McGee St.
Mr. C. W. Griggs	532 McGee St.
Hartley J. Harland	Treherne, Man.
John M. Howlett	439 St. John's Ave.
Jean T. Iredale	Dauphin, Man.
Bernice C. King	Neepawa, Man.
Robt. J. Love	Melita, Man.
Mildred G. Musgrove	Boissevain, Man.
Eva M. McCullagh	Boissevain, Man.
L. May McInnes	71 Helmsdale Ave.
Mrs. Ella McKay	28 Winnitoba Apts.
Kenneth A. McKillop	Dauphin, Man.
Stanley R. McLeod	Shamrock, Sask.

Russell A. Peden	Stonewall, Man.
Eva M. H. Robson	Fleming, Sask.
Howard J. Reynolds	124 Hazeldell Ave.
Lloyd C. Stinson	631 Ashburn St.
Mark A. Talnicoff	Portage la Prairie, Man.
Thomas M. Whitley	Melita, Man.

GRADUATES

THEOLOGICAL DEPARTMENT

Doctor of Divinity (honoris causa)

W. S. Reid, B.A., B.D., New Westminster, B.C.
P. Bruce Thornton, Winnipeg.

Bachelor of Divinity

Douglas B. Sparling, B.A., Rossburn, Man.
G. D. Robinson, B.A., Rainy River, Ont.
D. J. E. McNeill, B.A., Emerson.
Duncan McRae, Shekpei, South China.

Diploma

A. A. Boone, B.A., Manitoba College.



